

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3584	(parcel or mail or package) and (shipping same (charge or fee or cost)) and weigh?	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 16:17
S2	381	S1 and credit adj1 card	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 17:34
S3	28	("3290491"   "4901241"   "5233532"   "5340948"   "5365044").PN. OR ("5481464").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 16:20
S4	2	("2002/0007281").URPN.	USPAT	OR	ON	2006/09/11 16:29
S5	1	("3290491").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/11 17:34
S6	26	("3290491").URPN.	USPAT	OR	ON	2006/09/11 17:34
S7	1	voice same instructions same speaker same postal	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 15:11
S8	2469	voice same instructions same speaker	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 15:12
S9	71	S8 and kiosk	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 15:11
S10	9	voice same instructions same speaker same ATM	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 15:13
S11	84	instructions same speaker same ATM	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 15:13
S12	85	instructions same speaker same ATM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:15

## EAST Search History

S13	41762	voice same recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:15
S14	2540	S13 and ATM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:15
S15	1219	S14 and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:15
S16	788	S15 and mail	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:17
S17	5889	instructions same (audio or vocal or voice or spoken) same speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:18
S18	311	S17 and ATM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:24
S19	12120	speaker same instruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:24

## EAST Search History

S20	946	S19 and (atm or kiosk or teller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 15:25
S21	605	dimensional near weight	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 16:03
S22	33	S21 and mail	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 16:50
S23	315	dimensional adj1 weight	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 17:32
S24	11	(("3372486") or ("4773029") or ("4905512") or ("5105939") or ("5220536")).PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/12 17:33

? show files;ds

File 6:NTIS 1964-2006/Sep w1  
(c) 2006 NTIS, Intl Cpyrght All Rights Res  
File 8:EI Compendex(R) 1970-2006/Sep w1  
(c) 2006 Elsevier Eng. Info. Inc.  
File 47:Gale Group Magazine DB(TM) 1959-2006/Sep 12  
(c) 2006 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2006/Sep 13  
(c)2006 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2006/Sep 12  
(c) 2006 The Gale Group  
File 545:Investext(R) 1982-2006/Sep 12  
(c) 2006 Thomson Financial Networks  
File 718:Pittsburgh Post-Gazette Jun 1990-2006/Sep 13  
(c) 2006 PG Publishing

Set	Items	Description
S1	7	(SHIP OR SHIPPING)(6N)(COST OR PRICE)(6N)(CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR DETERMIN? OR COMPUTED)(6N)(DIMENSIONAL())WEIGHT OR WEIGHT(2N)(VOLUME OR SIZE)) NOT PY>1991
S2	5	RD (unique items)

? t2/3,k/all

2/3,K/1 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
(c) 2006 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1014991 NTIS Accession Number: AD-A123 979/7  
A Portable Measurement and Recording System for Ship Motion Data or Other Analog Signals  
(Technical note Jul 77-Nov 80)  
Newman, R. A.  
Navy Personnel Research and Development Center, San Diego, CA.  
Corp. Source Codes: 055029000; 390772  
Report No.: NPRDC-TN-83-2  
Jan 83 20p  
Languages: English  
Journal Announcement: GRAI8311  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC A02/MF A01

... requirements of a working system, data on environmental and operational hazards to the equipment, and ship /test compatibility requirements were determined. Selection of the general technology to be applied involved consideration of size, weight, power consumption, cost, and low reliability of analog instrumentation. As a result, it was decided to use a...

2/3,K/2 (Item 1 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

02317376 E.I. Monthly No: EI8710105591  
Title: PROBABILITY BASED LOAD ESTIMATION TECHNIQUE FOR SHIP STRUCTURE DESIGN AND TECHNOLOGY EVALUATION.  
Author: Richardson, William M.  
Corporate Source: David Taylor Naval Ship Research & Development Cent, USA  
Source: Naval Engineers Journal v 99 n 3 May 1987 p 150-164  
Publication Year: 1987  
CODEN: NVEJAX ISSN: 0028-1425

Language: ENGLISH

Abstract: The size , weight , and cost of a ship is determined by the mission that the ship is designed to perform. This mission must be carried out with a specified degree of...

2/3,K/3 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

03019312 SUPPLIER NUMBER: 05070714 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Artificial intelligence - secret weapon in the battle to improve productivity,  
Johnson, Don S.  
Administrative Management (the Magazine of Office Administration and Automation), p35(6)  
July, 1987  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2142 LINE COUNT: 00170

... said, "we developed an in-house distribution traffic advisor system which allows a user to determine the most reliable and cost -efficient carrier for shipping a document or package." Selection criteria include the size , weight and content of the shipment, destination, delivery commitment and carrier contractual rate agreements. She continued...

2/3,K/4 (Item 1 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks . All rts. reserv.

01813094  
Horn & Hardart - Company Report  
PRUDENTIAL SECURITIES INC.  
Baker, L.M.  
NEW YORK

DATE: March 28, 91  
INVESTEXT(tm) REPORT NUMBER: 1112345, PAGE 1 OF 2, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...include some heavier items such as tables and shelves. These items, of course, carry higher shipping expenses. The mailing expenses paid by consumers are determined by the price of the order, not the size or weight of the items ordered.

The Company Is Reviewing Several Financial Alternatives

Horn & Hardart has received...

2/3,K/5 (Item 1 from file: 718)  
DIALOG(R)File 718:Pittsburgh Post-Gazette  
(c) 2006 PG Publishing. All rts. reserv.

06134118  
SHIPPING, HANDLING FEES COMPUTED FROM PAST EXPERIENCE  
Pittsburgh Press (PP) - MONDAY MAY 13, 1991  
By: HELEN KAISER  
Edition: STOCKS Section: LIFESTYLE Page: B4  
Word Count: 508

Ginger R. DeMille

TEXT:

Q:Can you please explain how mail-order companies determine the amount of shipping and handling fees? The cost of the merchandise seems to determine the fee -- not the size or weight , bulkiness or fragileness of the package. There is a sales tax on it, too. -- I...  
?

? show files;ds

File 2:INSPEC 1898-2006/Sep w1  
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File 5:Biosis Previews(R) 1969-2006/Sep w1  
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File 8:Ei Compendex(R) 1970-2006/Sep w1  
(c) 2006 Elsevier Eng. Info. Inc.

File 14:Mechanical and Transport Engineer Abstract 1966-2006/Aug  
(c) 2006 CSA.

File 15:ABI/Inform(R) 1971-2006/Sep 13  
(c) 2006 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2006/Sep 12  
(c) 2006 The Gale Group

File 28:Oceanic Abstracts 1966-2006/Aug  
(c) 2006 CSA.

File 35:Dissertation Abs Online 1861-2006/Aug  
(c) 2006 Proquest Info&Learning

File 40:Enviroline(R) 1975-2006/Jul

File 47:Gale Group Magazine DB(TM) 1959-2006/Sep 12  
(c) 2006 The Gale group

File 50:CAB Abstracts 1972-2006/Aug  
(c) 2006 CAB International

File 51:Food Sci.&Tech.Abs 1969-2006/Sep w2  
(c) 2006 FSTA IFIS Publishing

File 56:Computer and Information Systems Abstracts 1966-2006/Aug  
(c) 2006 CSA.

File 63:Transport Res(TRIS) 1970-2006/Aug  
(c) fmt only 2006 Dialog

File 75:TGG Management Contents(R) 86-2006/Sep w1  
(c) 2006 The Gale Group

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(c)2006 The University of Tulsa

File 88:Gale Group Business A.R.T.S. 1976-2006/Sep 12  
(c) 2006 The Gale Group

File 94:JICST-EPlus 1985-2006/Jun w1  
(c)2006 Japan Science and Tech Corp(JST)

File 103:Energy SciTec 1974-2006/Jul B2  
(c) 2006 Contains copyrighted material

File 148:Gale Group Trade & Industry DB 1976-2006/Sep 13  
(c)2006 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 180:Federal Register 1985-2006/Sep 11  
(c) 2006 format only DIALOG

File 194:FBODaily 1982/Dec-2006/Jun  
(c) format only 2006 Dialog

File 215:ONTAP(R) ABI/INFORM(R)  
(c) 1999 Proquest Info&Learning

File 240:PAPERCHEM 1967-2006/Sep w2  
(c) 2006 Elsevier Eng. Info. Inc.

File 247:ONTAP(R) Gale Group Magazine Index(TM)  
(c) 1999 The Gale Group

File 248:PIRA 1975-2006/Aug w4  
(c) 2006 Pira International

File 275:Gale Group Computer DB(TM) 1983-2006/Sep 12  
(c) 2006 The Gale Group

File 292:GEOBASE(TM) 1980-2006/Sep w1  
(c) 2006 Elsevier B.V.

File 340:CLAIMS(R)/US Patent 1950-06/Sep 12  
(c) 2006 IFI/CLAIMS(R)

File 351:Derwent WPI 1963-2006/UD=200657  
(c) 2006 The Thomson Corporation

File 471:New York Times Fulltext 1980-2006/Sep 13

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(c) 2006 The New York Times  
File 476:Financial Times Fulltext 1982-2006/Sep 14  
(c) 2006 Financial Times Ltd  
File 485:Accounting & Tax DB 1971-2006/Sep w1  
(c) 2006 ProQuest Info&Learning  
File 494:St LouisPost-Dispatch 1988-2006/Sep 12  
(c) 2006 St Louis Post-Dispatch  
File 541:SEC Online(TM) Annual Repts 1997/Sep w3  
(c) 1987-1997 SEC Online Inc.  
File 542:SEC Online(TM) 10-K Reports 1997/Sep w3  
(c) 1987-1997 SEC Online Inc.  
File 545:Investext(R) 1982-2006/Sep 12  
(c) 2006 Thomson Financial Networks  
File 553:Wilson Bus. Abs. 1982-2006/Jul  
(c) 2006 The HW Wilson Co  
File 570:Gale Group MARS(R) 1984-2006/Sep 12  
(c) 2006 The Gale Group  
File 587:Jane's Defense&Aerospace 2006/Aug w2  
(c) 2006 Jane's Information Group  
File 608:KR/T Bus.News. 1992-2006/Sep 13  
(c)2006 Knight Ridder/Tribune Bus News  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Sep 12  
(c) 2006 The Gale Group  
File 631:Boston Globe 1980-2006/Sep 12  
(c) 2006 Boston Globe  
File 633:Phil.Inquirer 1983-2006/Sep 12  
(c) 2006 Philadelphia Newspapers Inc  
File 635:Business Dateline(R) 1985-2006/Sep 13  
(c) 2006 ProQuest Info&Learning  
File 636:Gale Group Newsletter DB(TM) 1987-2006/Sep 12  
(c) 2006 The Gale Group  
File 637:Journal of Commerce 1986-2006/Sep 15  
(c) 2006 Commonwealth Bus. Media  
File 640:San Francisco Chronicle 1988-2006/Sep 13  
(c) 2006 Chronicle Publ. Co.  
File 647:CMP Computer Fulltext 1988-2006/Oct w5  
(c) 2006 CMP Media, LLC  
File 649:Gale Group Newswire ASAP(TM) 2006/Aug 30  
(c) 2006 The Gale Group  
File 652:US Patents Fulltext 1971-1975  
(c) format only 2002 Dialog  
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(c) Format only 2006 Dialog  
File 702:Miami Herald 1983-2006/Sep 10  
(c) 2006 The Miami Herald Publishing Co.  
File 709:Richmond Times-Disp. 1989-2006/Sep 09  
(c) 2006 Richmond Newspapers Inc  
File 716:Daily News Of L.A. 1989-2006/Sep 10  
(c) 2006 Daily News of Los Angeles  
File 718:Pittsburgh Post-Gazette Jun 1990-2006/Sep 13  
(c) 2006 PG Publishing  
File 719:(Albany) The Times Union Mar 1986-2006/Sep 12  
(c) 2006 Times Union  
File 727:Canadian Newspapers 1990-2006/Sep 13  
(c) 2006 Southam Inc.

Set	Items	Description
S1	255	(SHIPPING OR SHIP OR MAIL)(5N)(COST OR PRICE)(15N)(CALCULATED? OR COMPUTE OR COMPUTES OR COMPUTING OR DETERMIN? OR COMPUTED)(10N)(DIMENSION? ? OR VOLUME OR SIZE) NOT PY>1991
S2	205	RD (unique items)
? t2/3,k/all		

2/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC



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04816199 INSPEC Abstract Number: C91014265

Title: Economic design of sampling plans with multi-decision alternatives

Author(s): Do Sun Bai; Sung Hoon Hong

Author Affiliation: Korea Adv. Inst. of Sci. & Technol., Seoul, South Korea

Journal: Naval Research Logistics vol.37, no.6 p.905-18

Publication Date: Dec. 1990 Country of Publication: USA

CODEN: NRLOEP ISSN: 0028-1441

U.S. Copyright Clearance Center Code: 0028-1441/90/060905-14\$04.00

Language: English

Subfile: C

Abstract: For situations where there are several markets with different profit- cost structures, economic attributes sampling plans are developed for determining the market to ship the lot to. Two sampling plans are considered; the fixed- size sampling plan with several levels of acceptance numbers, and the inverse sampling plan with several...

2/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03525967 INSPEC Abstract Number: C85044096

Title: Distribution strategies that minimize transportation and inventory costs

Author(s): Burns, L.D.; Hall, R.W.; Blumenfeld, D.E.

Author Affiliation: General Motors. Res. Labs., Warren, MI, USA

Journal: Operations Research vol.33, no.3 p.469-90

Publication Date: May-June 1985 Country of Publication: USA

CODEN: OPREAI ISSN: 0030-364X

U.S. Copyright Clearance Center Code: 0030-364X/85/3303-0469\$01.25

Language: English

Subfile: C

...Abstract: from a supplier to many customers. It derives formulas for transportation and inventory costs, and determines the optimal trade-off between these costs. The paper analyzes and compares two distribution strategies: direct shipping (i.e. shipping separate loads to each customer) and peddling (i.e. dispatching trucks that deliver items to more than one customer per load). The cost trade-off in each strategy depends on shipment size. The authors' results indicate that, for direct shipping, the optimal shipment size is given by the economic order quantity (EOQ) model, while for peddling, the optimal shipment size is a full truck. The peddling cost trade-off also depends on the number of customers included on a peddling route. This...

2/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

02981578 INSPEC Abstract Number: B83005313, C83004888

Title: Marine fuel conservation through long-term ship speed control

Author(s): Akagi, S.; Ito, K.

Author Affiliation: Dept. of Mech. Engng. for Industrial Machinery, Osaka Univ., Osaka, Japan

Conference Title: Control Science and Technology for the Progress of Society. Proceedings of the Eighth Triennial World Congress of the International Federation of Automatic Control p.2377-83 vol.4

Editor(s): Akashi, H.

Publisher: Pergamon, Oxford, UK

Publication Date: 1982 Country of Publication: UK 7 vol. lxxix+3914

pp.

ISBN: 0 08 027580 X

Conference Date: 24-28 Aug. 1981 Conference Location: Kyoto, Japan

Language: English

Subfile: B C

Abstract: The problem of planning both the size of marine power plants and the strategy of long-term ship speed control is considered with the intention of saving marine fuel consumption. Forecasting the future rise of fuel price, the above-mentioned two decision variables are determined optimally by maximizing the long-term profits earned by a ship using the dynamic programming technique. The results of numerical analysis for a large-scale container...

2/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

02335044 INSPEC Abstract Number: C79013801

Title: Shipping system improves efficiency

Journal: Computer Decisions vol.10, no.10 p.64

Publication Date: Oct. 1978 Country of Publication: USA

CODEN: CODCB8 ISSN: 0010-4558

Language: English

Subfile: C

...Abstract: computer is part of a system called DAWS (dimensioning and weighing system), which measures, weighs, calculates volume and determines the lowest-cost, most efficient method of shipping and routeing.

2/3,K/5 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0004794158 BIOSIS NO.: 198580103053

AQUARIUM STUDIES ON THE EVALUATION OF STOCKING VARIOUS SIZES OF CHANNEL CATFISH ICTALURUS-PUNCTATUS WITH ESTABLISHED LARGEMOUTH BASS MICROPTERUS-SALMOIDES

AUTHOR: SPINELLI A J (Reprint); WHITESIDE B G; HUFFMAN D G

AUTHOR ADDRESS: AQUATIC STN, SOUTHWEST TEX STATE UNIV, SAN MARCOS, TEX 78666, USA\*\*USA

JOURNAL: North American Journal of Fisheries Management 5 (2A): p138-145 1985

ISSN: 0275-5947

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

...ABSTRACT: structure. Based on predation rates from this study and production costs of channel catfish (as determined by a 1980-1981 mail survey of federal, state and private catfish farmers), it is probably most cost-efficient to stock channel catfish at a size of 150 mm when stocking ponds containing established populations of largemouth bass and forage species.

2/3,K/6 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1562570 NTIS Accession Number: DE91005434

Cost benefit analysis of waste compaction alternatives at Lawrence

Livermore National Laboratory. Final draft

(Progress rept)  
Lawrence Livermore National Lab., CA.  
Corp. Source Codes: 068147000; 9513035;  
Sponsor: Science Applications International Corp., Pleasanton, CA.;  
Department of Energy, Washington, DC.  
Report No.: UCRL-CR-105453  
Nov 90 92p  
Languages: English  
Journal Announcement: GRAI9110; ERA9120  
Sponsored by Department of Energy, Washington, DC.  
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NTIS Prices: PC A05/MF A01

... and mixed wastes at Lawrence Livermore National Laboratory (LLNL) Hazardous Waste Management (HWM) facilities. The cost benefit analysis was conducted to determine if increased compaction capacity at HWM might afford the potential for significant waste volume reduction and annual savings in material, shipping, labor, and disposal costs. In the following cost benefit analysis, capital costs and recurring costs of increased HWM compaction capabilities are considered. Recurring...

2/3,K/7 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1314166 NTIS Accession Number: PB87-194817

RAPID: A Rational Automated Package for Integrated Design. User Guide  
(Final rept. Sep 84-Feb 87)  
Uttmark, G. F. ; Mistree, F.  
TransTech Marine Co., Elwyn, PA.  
Corp. Source Codes: 087745000;  
Sponsor: Houston Univ., TX. Dept. of Mechanical Engineering.; Maritime Administration, Washington, DC. Office of Advanced Ship Operations.  
Report No.: MA-RD-770-86026  
Feb 87 71p  
Languages: English  
Journal Announcement: GRAI8719  
See also PB87-194809. Prepared in cooperation with Houston Univ., TX. Dept. of Mechanical Engineering. Sponsored by Maritime Administration, Washington, DC. Office of Advanced Ship Operations.  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC A04/MF A01

... achieved in less time and with less labor than traditional methods. Information produced includes: principal dimensions, linear ratios, form coefficients, powering calculation, hydrostatics, sectional area, freeboard calculation, stability analysis, longitudinal strength calculation, and weight estimates. A first level ship cost estimate is produced based on major weight groups. Pro forma financial statements produced include income...

2/3,K/8 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1088175 NTIS Accession Number: AD-A136 813/3

Merchant Ship Size Optimization Model

(Master's thesis)

Choi, K. C.

Naval Postgraduate School, Monterey, CA.

Corp. Source Codes: 019895000; 251450

Sep 83 82p

Languages: English Document Type: Thesis

Journal Announcement: GRAI8408

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

This paper analyzes how a shipowner or charterer may determine the specification of optimal ship size for a given route with respect to certain market requirements. The theory of optimal ship size, a methodology for estimating scale economics, and the various factors affecting ship size are examined using a typical conventional cargo ship and bulk cargo carriers based on shipowners' cost data. (Author)

2/3,K/9 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1014991 NTIS Accession Number: AD-A123 979/7

A Portable Measurement and Recording System for Ship Motion Data or Other Analog Signals

(Technical note Jul 77-Nov 80)

Newman, R. A.

Navy Personnel Research and Development Center, San Diego, CA.

Corp. Source Codes: 055029000; 390772

Report No.: NPRDC-TN-83-2

Jan 83 20p

Languages: English

Journal Announcement: GRAI8311

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

... requirements of a working system, data on environmental and operational hazards to the equipment, and ship /test compatibility requirements were determined. Selection of the general technology to be applied involved consideration of size, weight, power consumption, cost, and low reliability of analog instrumentation. As a result, it was decided to use a...

2/3,K/10 (Item 5 from file: 6)

DIALOG(R)File 6:NTIS

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0846904 NTIS Accession Number: DOE/NOAA/OTEC-5/XAB

Preliminary Designs for Ocean Thermal Energy Conversion (OTEC) Stationkeeping Subsystems (SKSS). Task I. Design Requirements. Final Report

Lockheed Missiles and Space Co., Inc., Sunnyvale, CA. Ocean Systems.

Corp. Source Codes: 9507462

Sponsor: Department of Energy, Washington, DC.

Report No.: LMSC-D-673832

1 Jun 79 156p

Languages: English

Journal Announcement: GRAI8025; NSA0500

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.

Ginger R. DeMille

customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A08/MF A01

... safety and load factors. The SKSS concepts will be analyzed to evaluate performance, reliability, and cost. Performance analysis conducted included catenary anchor leg static calculations to size components, as well as drag due to environmental loads in the operational and extreme sea states for both ship and spar platforms. Dynamic analyses and trade studies to be conducted in Task II are...

2/3,K/11 (Item 6 from file: 6)

DIALOG(R)File 6:NTIS

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0633966 NTIS Accession Number: AD-468 486/6/XAB

Satellite Navigation Using Integral Doppler Data the AN/SRN-9 Equipment (Technical memo)

Guier, W. H.

Johns Hopkins Univ Silver Spring MD Applied Physics Lab

Corp. Source Codes: 031650

Report No.: TG-690

May 65 29p

Journal Announcement: GRAI7716

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NTIS Prices: PC A03/MF A01

... integral doppler equipment. This equipment has been designed especially for use by surface ships where cost, size, weight, and power requirements are important considerations. Similar equipments have been undergoing sea trials to determine their applicability for research vessels where a post analysis capability for determining ship's position is a critical requirement. The results have amply demonstrated the potential usefulness of...

2/3,K/12 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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02835459 E.I. Monthly No: EIM8912-046706

Title: Impact of increasingly large ships upon port redevelopment.

Author: Kon, Yoshiharu; Sato, Chiaki

Corporate Source: Nihon Univ, Funabashi, Jpn

Conference Title: Coastal Zone '89: Proceedings of the Sixth Symposium on Coastal and Ocean Management

Conference Location: Charleston, SC, USA Conference Date: 19890711

E.I. Conference No.: 12541

Source: Coastal Zone: Proceedings of the Symposium on Coastal and Ocean Management v 1 (of 5). Publ by ASCE, New York, NY, USA. p 178-191

Publication Year: 1989

CODEN: COZODK

Language: English

...Abstract: and has also meant the building of new ships according to how the balance of ship demand changed in accordance to the cost of the new ships. This research considers that the larger sizes and modernization of ships has become a major factor in port facilities becoming obsolete. From these changes in ship size worldwide, and from the situation for the utilization of wharves at Yokohama Port that is a representative

Japanese port, the increasing size and degree of modernization of ships is having a large impact upon redevelopment at ports and harbors. Moreover, it also indicates that a quantitative determination can be arrived at for the degree of absolescence of the wharves when redevelopment is...

2/3,K/13 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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02549511 E.I. Monthly No: EI8804038738  
Title: CLASSIFICATION SYSTEMS FOR SHIP ITEMS: A FORMAL APPROACH AND ITS APPLICATION.  
Author: Birbanescu-Biran, Adrian  
Corporate Source: Technion, Haifa, Isr  
Source: Marine Technology v 25 n 1 Jan 1988 p 67-73  
Publication Year: 1988  
CODEN: MARTA4 ISSN: 0025-3316  
Language: ENGLISH

Abstract: Calculation of masses and moments of ship items is carried out mainly to establish the main ship dimensions, to assess intact and damage stability and to estimate cost. The mass properties of ship items can be systematically summed over subgroups, groups, and main groups of items if these...

2/3,K/14 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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02317376 E.I. Monthly No: EI8710105591  
Title: PROBABILITY BASED LOAD ESTIMATION TECHNIQUE FOR SHIP STRUCTURE DESIGN AND TECHNOLOGY EVALUATION.  
Author: Richardson, William M.  
Corporate Source: David Taylor Naval Ship Research & Development Cent, USA  
Source: Naval Engineers Journal v 99 n 3 May 1987 p 150-164  
Publication Year: 1987  
CODEN: NVEJAX ISSN: 0028-1425  
Language: ENGLISH

Abstract: The size, weight, and cost of a ship is determined by the mission that the ship is designed to perform. This mission must be carried out with a specified degree of...

2/3,K/15 (Item 4 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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01874048 E.I. Monthly No: EIM8506-031393  
Title: VOLUME REDUCTION AND SOLIDIFICATION OF LOW RADIOACTIVE AND PLUTONIUM WASTE - TECHNOLOGY AND OPERATION EXPERIENCE.  
Author: Hackstein, Karl-Gerhard  
Corporate Source: NUKEM GmbH, Hanau, West Ger  
Conference Title: Treatment and Handling of Radioactive Wastes. (Selected Papers presented at the American Nuclear Society Topical Meeting.)  
Conference Location: Richland, WA, USA Conference Date: 19820419  
E.I. Conference No.: 06501  
Source: Publ by Battelle Press, Columbus, OH and Richland, WA, USA and Springer-Verlag, New York, NY, USA and Heidelberg, West Ger p 365-368  
Publication Year: 1983  
ISBN: 0-935470-14-X  
Language: English

...Abstract: conversion of these materials into a solid product which is suitable for a final storage. Cost calculations have also been made. The advantage of volume reduction comes from reducing operation costs via less containers, reduced shipping costs and less burial charges. The calculations have been made in comparison to waste treatment costs without volume reduction.

2/3,K/16 (Item 5 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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01320330 E.I. Monthly No: EI8301004601 E.I. Yearly No: EI83061861  
Title: IMPACT OF DESIGN PRACTICES ON SHIP SIZE AND COST.  
Author: Kehoe, James W. Jr.; Brower, Kenneth S.; Meier, Herbert A.  
Source: Naval Engineers Journal v 94 n 2 Apr 1982, ASNE Day 1982 Tech  
Pap, Washington DC, USA, May 6-7 1982 p 68-86  
Publication Year: 1982  
CODEN: NVEJAX ISSN: 0028-1425  
Language: ENGLISH

Abstract: This article addresses the effect of difference in design practices on the size and total ship investment cost of a notional antisubmarine warfare (ASW) frigate. The impact of the different ship design criteria and practices identified in this article was determined by applying either "small" or "large" combinations of design criteria and practices (hereafter referred to...

2/3,K/17 (Item 6 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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00464132 E.I. Monthly No: EI7507048325 E.I. Yearly No: EI75069944  
Title: TRANSPORT CAPACITY AND ECONOMICS OF CONTAINER SHIPS FROM A PRODUCTION THEORY POINT OF VIEW.  
Author: Kuvas, Jomar  
Corporate Source: Norw Inst of Technol, Trondheim  
Source: Naval Architect n 2 Apr 1975 p 107-120  
Publication Year: 1975  
CODEN: NVARA3 ISSN: 0306-0209  
Language: ENGLISH

...Abstract: principles of production theory. The analyses provide a theoretical explanation of growth in speed and size of container ship designs. By making use of a ship cost model it is possible to determine that combination of a ship's speed and capacity which yields the minimum cost for a given transport demand. It is also possible to find the minimum cost alternative of a fleet as a function of the transport capacity. The theory is illustrated...

2/3,K/18 (Item 7 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

00428482 E.I. Monthly No: EI7502012889 E.I. Yearly No: EI75069911  
Title: STRENGTH PROBLEMS/DESIGN LOADS IN VLCC CONSTRUCTION.  
Author: Huther, Michel; Bur Veritas; Huynh duc Bau  
Source: Super Ocean Carrier Conf, Proc, New York, NY, Jan 16-18 1974 p 132-183. Publ by SOCCO, San Pedro, Calif, 1974  
Publication Year: 1974  
Language: ENGLISH

Ginger R. DeMille

...Abstract: longitudinal strength is analyzed, observing that shipbuilders obviously need the classification requirements to select the ship's main dimensions and to optimize the cost and weight of the ship's girder. The use of probabilistic methods to determine wave bending moments by means of transfer functions, sea spectra and sea states distribution is...

2/3,K/19 (Item 1 from file: 14)  
DIALOG(R)File 14:Mechanical and Transport Engineer Abstract  
(c) 2006 CSA. All rts. reserv.

0000242535 IP ACCESSION NO: 2001-21-013590  
Parts Assembly Verification Using DR or Volume CT Correlation Techniques

Townsend, J R  
Innovative Imaging Systems  
PUBLICATION DATE: 1991

CONFERENCE:  
American Society for Nondestructive Testing, Inc. (USA), pp. 20-21, 1991

DOCUMENT TYPE: Conference Paper  
RECORD TYPE: Abstract  
LANGUAGE: English  
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

ABSTRACT:  
An application of computed tomography (CT) or industrial volume tomography (VT) is the detection of missing parts in completed assemblies or the miss-assembly of completed items by correlating volume data. This is economically beneficial when the cost of disassembling the part greatly exceeds the cost of scanning, or the liability of shipping a defective assembly is high. Volume CT scans have been found to be economically competitive in many situations. The assembly in...

2/3,K/20 (Item 2 from file: 14)  
DIALOG(R)File 14:Mechanical and Transport Engineer Abstract  
(c) 2006 CSA. All rts. reserv.

0000201090 IP ACCESSION NO: 2001-43-000482  
The Seaborne Transport of Iron and Steelmaking Raw Materials

ADDL. SOURCE INFO: International Iron and Steel Institute, pp. 536, 1986  
PUBLICATION DATE: 1986

PUBLISHER: International Iron and Steel Institute, Avenue Hamoir 12/14,  
B-1180 Brussels, Belgium

DOCUMENT TYPE: Pamphlet  
RECORD TYPE: Abstract  
LANGUAGE: English  
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

ABSTRACT:  
... those steel industry executives and others entrusted with the responsibility of ensuring a secure and cost effective supply of raw materials. The report contains chapters on: world bulk shipping in 1986; trade flow in bulk materials (Fe ore, coal, crude oil, grain); the bulk shipping fleet (capacity, size, age); factors determining freight rates; concerns and strategies for steel industry bulk shipping; future trends to 1990; and five statistical appendices on ports handling Fe ore and coal...



2/3,K/21 (Item 3 from file: 14)  
DIALOG(R)File 14:Mechanical and Transport Engineer Abstract  
(c) 2006 CSA. All rts. reserv.

0000078965 IP ACCESSION NO: 2001-43-004538  
Proposals for a Severn Barrage: Tidal Energy Engineering Group

Gwynn, J. D.  
Engineering and Power Development Consultants Ltd.

Dock and Harbour Auth., v 58, n 685, p 334-336, 1977

DOCUMENT TYPE: Journal Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

ABSTRACT:  
... the most hydraulically acceptable area is found, alternative modes of operation can be investigated to determine energy yield, cost, construction time, influence on shipping and side effects. These results must then be used, together with hypothetical forecasts of the size and capacity of the power system generating mix, for many years ahead. This involves a...

2/3,K/22 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00588361 92-03534  
Univel Plans Lean, Mean Unix for LANS  
Coursey, David  
InfoWorld v13n51 PP: 77 Dec 23, 1991  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 879

...TEXT: the way to get that is to build on the core technology from USL and ship it in volume through multiple distribution channels.

Coursey: That sounds like a code phrase for inexpensive Unix. How cheap will it be?

Appelbaum: That hasn't been determined. The price has to be such that we (sell) millions of units and the customers think they...

2/3,K/23 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00550834 91-25191  
Folder/Inserters Fit into Modern Mail Centers  
Maguire, Michael D.  
Office Systems v8n5 PP: 26-33 May 1991  
ISSN: 8750-3441 JRNL CODE: OFS  
WORD COUNT: 2006

...TEXT: figures, it is clear that manual folding and inserting is an extremely laborious task. To determine if a tabletop F/I is feasible at your company, learn the appropriate hourly wage and the volume of mail being processed, and compare that with the cost of F/I hardware. The grid that accompanies this article may help you to determine the productivity of manual mail processing.

Automated processing

One of the principal manufacturers of tabletop F/Is claims that using...

2/3,K/24 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00538174 91-12518  
Consideration of Instage and Central Buffers in Two-Stage Production System  
Gupta, Tarun; Houshyar, Abdolazim  
Computers & Industrial Engineering v19n1-4 PP: 427-431 1990  
ISSN: 0360-8352 JRNL CODE: CIE

...ABSTRACT: are accumulated in the ready buffer, a request for the material handler is raised to ship the accumulated quantity to the central buffer. A mathematical model is developed to determine optimal ready buffer size and the number of material handler trips while minimizing the total system cost. The model also performs a cost comparison of 2 potential alternative manufacturing strategies.

2/3,K/25 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00497961 90-23718  
Textbook Approaches to Inventory Control  
Cavinato, Joseph  
Distribution v89n5 PP: 96, 98 May 1990  
ISSN: 0273-6721 JRNL CODE: DWW

...ABSTRACT: costs of ordering against the costs of holding inventories. EOQ with private or contract carriage determines an optimal lot size with consideration of the lump sum charge of running a vehicle from origin to destination. EOQ with common carriage or per-unit purchase price adds the unit cost of shipping or purchase price to the product piece or value to determine an ideal lot size. EOQ under uncertain demand provides inventory investment levels for service requirements. EOQ under uncertain supply...

2/3,K/26 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00436872 89-08659  
The Optimal Load Size for Ocean Shippers  
Pope, James A.; Cross, Edward M.  
Logistics & Transportation Review v24n4 PP: 299-315 Dec 1988  
ISSN: 0047-4991 JRNL CODE: LTR

ABSTRACT: A model has been constructed for computing optimal load size and port call schedule for shippers of bulk cargo that considers the shipping cost, the cost of carrying the inventory, and the port of entry cost. Differential calculus and an economic order quantity type model are used to determine the optimal load size. The results of the calculations are used to construct a microcomputer spreadsheet-based model, which determines the port call schedule. The final product is a flexible computer decision support system that...

2/3,K/27 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00415089 88-31922  
Inventory Costs and Optimal Ship Size  
Pope, James A.; Talley, Wayne K.  
Logistics & Transportation Review v24n2 PP: 107-120 Jun 1988  
ISSN: 0047-4991 JRNL CODE: LTR

...ABSTRACT: importer knows and adjusts to the schedule. The periodic review model also simplifies safety stock calculations. The continuous review model is appropriate for bulk shipping and not for scheduled liner service as concluded by Jansson and Shneerson. It is demonstrated that optimal ship size is highly sensitive to: 1. the inventory management model selected, 2. the treatment of stockouts and safety stock, and 3. the inventory management cost structure that prevails.

2/3,K/28 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00379726 87-38560  
Testing Direct Mail: The Seven Deadly Sins  
Alpert, Shell R.  
Business Marketing v72n11 PP: 6, 8 Nov 1987  
ISSN: 0745-5933 JRNL CODE: IMR

...ABSTRACT: large test samples are much safer than smaller samples and, therefore, are worth the extra cost. The 4th is thinking that the reliable projectability of an original direct mail test is determined by the size of the list of samples used. The 5th sin involves concluding erroneously that the past...

2/3,K/29 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00322182 86-22596  
Are Small Orders Costing You Time and Money?  
Anonymous  
Business Owner v10n6 PP: 8-9 Jun 1986  
ISSN: 0190-4914 JRNL CODE: BSO

ABSTRACT: There is a point at which small orders create a loss; paperwork, sales time, shipping, and billing can often cost more than an order's profit. To determine the break-even order size, 5 steps should be followed: 1. Determine gross profit by totaling sales and subtracting the cost of goods sold. 2. Compute the gross profit percentage of net sales. 3. Add up...

2/3,K/30 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00316706 86-17120  
Economies of Density of Ocean Tanker Ships  
Talley, Wayne K.; Agarwal, Vinod B.; Breakfield, James W.  
Journal of Transport Economics & Policy v20n1 PP: 91-99 Jan 1986  
ISSN: 0022-5258 JRNL CODE: JTE

ABSTRACT: A model is presented for analyzing the operating cost of various sizes of a given type of ship that allows the determination of ship

...

...of cost, marginal cost, unit variable cost, and economies of density for each size of ship considered. The model is applied to a data set consisting of petroleum tanker ships of varying sizes of US flag registry. Three important conclusions are offered: 1. Ship - size elasticities of operating cost can vary widely according to the size of a given type of ship. 2. Although the contrary is implicitly assumed in the literature, economies of density of ship size (i.e., operating cost economies of ship size) may be exhausted for larger sized ships. 3. An optimum ship size for a given type of ship derived from a single ship - size elasticity of operating cost (based upon several ship sizes) is likely to be unreliable, especially if values for the elasticity vary widely for various sizes of the ship.

2/3,K/31 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00304881 86-05295  
A Model of Scheduled Liner Freight Services: Balancing Inventory Cost  
Against Shipowners' Costs  
Jansson, Jan Owen; Shneerson, Dan  
Logistics & Transportation Review v21n3 PP: 195-215 Sep 1985  
ISSN: 0047-4991 JRNL CODE: LTR

ABSTRACT: A liner services cost model is developed which shows that optimal ship size is a function of both shipping company costs of service provision and user inventory costs and opportunity costs when goods are in transport. Determining optimal ship size requires that economies of ship size that allow decrease in service frequency must be balanced against the increase in inventory costs...

2/3,K/32 (Item 11 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00302280 86-02694  
Presort for Postage Savings  
Anonymous  
Administrative Management v46n12 PP: 53 Dec 1985  
ISSN: 0884-5905 JRNL CODE: ADM

...ABSTRACT: route information on computer tape for converting their files. A computer can be used to determine whether mail should be presorted by preparing a savings versus cost analysis. A mailing density analysis will indicate how much volume qualifies for First Class presorting discounts. These savings can then be applied by identifying recurring mailings, determining their frequency, and calculating the total annual savings. Presorted mail tends to reach its destination more quickly because of the steps eliminated at the post...

2/3,K/33 (Item 12 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00286593 85-27027  
Assessing Information Flow  
Simms, Jed  
Modern Office v24n3 PP: 30-31 Apr 1985  
ISSN: 0311-7731 JRNL CODE: MOM

...ABSTRACT: is possible by capturing it electronically. However, the production of information must be monitored to determine effectiveness. Firms must consider the cost-effectiveness of in-house printing in relation to the volume of copies being made. A review of the distribution of the mail is essential in assessing information flow. Another vital factor in evaluating the creation, production, and...

2/3,K/34 (Item 13 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00221351 83-32912  
Direct Mail: How to Make a Hit List  
Clark, Mike  
Marketing v15n2 PP: 67-72 Oct 13, 1983  
ISSN: 0025-3650 JRNL CODE: MAR

ABSTRACT: The quality and suitability of a mailing list is probably the most important determinant of the volume, quality, and cost of a direct-mail sales promotion. Although consumer lists have been well coded by interests, the business-to-business...

2/3,K/35 (Item 14 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00216557 83-28118  
Punching Up Customer Service/Better Information, Bigger Profits/Satellites  
Move the Freight  
Trembly, Ara C.; Kull, David  
Computer Decisions v15n10 PP: 207-209 Sep 15, 1983  
ISSN: 0010-4558 JRNL CODE: COM

...ABSTRACT: The Industrial Trailer and Flat Car Association (ITOFCA) uses an IBM System/38 database to determine the most cost-effective method of shipping between cities. With a public, value-added network operated by RCA Cylix, ITOFCA can provide high-volume data communications via satellite.

2/3,K/36 (Item 15 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00196367 83-07928  
How to Control the Cost of Research  
Flegal, David W.  
Madison Avenue v25n1 PP: 35-36, 38 Jan 1983  
ISSN: 0024-9483 JRNL CODE: MAV

...ABSTRACT: costs by asking for no more than is needed in each of several areas. The cost of research can be controlled by: 1. determining the appropriate sample size, 2. using less constraining screening criteria, 3. deciding which type of interview to use - focus groups, personal interviews, telephone, or direct mail, 4. keeping the interview time down, 5. determining the quality of interviewers needed for the job, 6. offering whatever product or service the...

2/3,K/37 (Item 16 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00187651 82-29212

The Optimal Ship Size

Jansson, Jan Owen; Shneerson, Dan

Journal of Transport Economics & Policy v16n3 PP: 217-238 Sep 1982

ISSN: 0022-5258 JRNL CODE: JTE

ABSTRACT: Optimal ship size is determined by minimizing costs per ton at sea and in port. While costs per ton at sea decrease with size, it is contended that costs per ton in port increase with size, especially the cost of ship's time. An approach is presented in which this is the principal check on the growth of ship size. The model proposed is general in form; the type of cargo to be handled and whether ships are to be engaged in liner shipping or tramp shipping are not specified. It is clear that there is no single ship size that is optimal for all types of ships and all routes. An example is presented to demonstrate how the model in its general form can be employed to determine the optimum size of any type of vessel after the specific characteristics are incorporated. The computed elasticities provide a measure of the response of the optimal size to changes in these...

2/3,K/38 (Item 17 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00179055 82-20616

Industrial Marketing Survey: Business/Industrial Direct Response Promotion  
Anonymous

Industrial Marketing v67n8 PP: 75-76 Aug 1982

ISSN: 0019-8498 JRNL CODE: IMR

...ABSTRACT: 1982 direct response budgets, with most increases spent on direct response publication advertising and direct mail. The survey responses indicated the most common objective for direct response campaigns was lead generation for salespeople and distributors. The size of the prospect list was cited as the most important factor in determining whether or not to use direct mail, followed by: 1. product price, 2. sales channel, and 3. geographic spread. Direct mail use was characterized by: 1. using...

2/3,K/39 (Item 18 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00153028 81-22905

Direct Mail: At Last We Can Have Accurate Statistics

Lind, Harold

Advertising n68 PP: 26-27 Summer 1981

ISSN: 0001-8961 JRNL CODE: ADQ

...ABSTRACT: the UK, obtaining basic data is the greatest problem in measuring the effects of direct mail advertising. This problem may be separated into 3 parts: 1. a definition of direct mail advertising and of its parts, 2. actual volume of pieces of direct mail, and 3. producing a figure for the cost of direct mail advertising which would be comparable with statistics for other media. In April 1980, the UK...

...Office introduced an internal management and marketing information system, Letter Information System (LIS), which provides volume data on direct mail. LIS allows comparisons of direct mail with other media. LIS' classification grid also provides the definition of direct mail, as seen by the recipient. The Post Office also commissioned Research Services Ltd. to determine average cost figures for pieces of direct mail advertising.

2/3,K/40 (Item 19 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00132320 81-02074  
Stamps Versus Postal Permits: A Decisional Guide for Return Postage in Mail  
Questionnaires  
Guffey, Hugh J., Jr.; Harris, James R.; Guffey, Mary M.  
Journal of the Academy of Marketing Science v8n3 PP: 234-242 Summer 1980  
ISSN: 0092-0703 JRNL CODE: AMK

...ABSTRACT: return permit option selected. For example, stamps would always be the preferred option on a cost basis when the sample size is less than 200. The break-point between stamps and business reply mail must be determined by equating the 3 tradeoffs. Costs must also be computed as the average material and labor cost for printing, addressing, preparing, and labeling outbound questionnaires.

2/3,K/41 (Item 20 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00100527 79-15569  
Legal Service Fees and Advertising in Phoenix  
Canby, William C., Jr.; Cox, Steven R.; De Serpa, Allan C.  
Arizona Business v26n6 PP: 10-16 June/July 1979  
ISSN: 0093-0717 JRNL CODE: ABB

...ABSTRACT: theoretical analysis of the potential market effect of lawyer advertising suggests that 3 effects-output, price, and firm size -will likely be felt in the market for routine legal services. In mid-1978, a mail survey of private practicing attorneys in the Phoenix metropolitan area was conducted to determine whether fee data could be economically collected from lawyers and to approximate the level and...

2/3,K/42 (Item 21 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00084850 78-19183  
How Data Processor Controls Mailings Costs  
Office v88n5 PP: 100, 102 Nov. 1978  
ISSN: 0030-0128 JRNL CODE: OFF

ABSTRACT: The soaring postal costs are causing many companies to study the careless handling of mail and postage. Cable Data is one company with a large volume of mail that decided to look into the cost of mailing. They called in consultants from a company which markets electronic postage computing scales and related equipment. The consultants devised a total new system applying the concept of...

2/3,K/43 (Item 22 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00030228 75-08648  
PRICE ELASTICITY OF THE DEMAND FOR PARCEL POST MAIL  
NISSEN, DAVID H.; LAGO, ARMANDO M.  
JOURNAL OF INDUSTRIAL ECONOMICS V23 N4 PP: 281-299 JUNE 1975  
ISSN: 0022-1821 JRNL CODE: JIE

ABSTRACT: DETERMINING THE RATE ELASTICITY OF DIFFERENT MAIL CLASSES, THAT IS, THE WAY THE MAIL VOLUME RESPONDS TO CHANGES IN POSTAL RATES, IS A PREREQUISITE TO RATE MAKING BY THE U.S. POSTAL SERVICE. THE NEED FOR ESTIMATES OF PRICE ELASTICITIES OF MAIL SERVICES IS ACCENTUATED BY THE PREVALENCE OF COMMON COSTS IN MOST OF THE MAIL CATEGORIES...

2/3,K/44 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02035847 Supplier Number: 42618136 (USE FORMAT 7 FOR FULLTEXT)  
REVOLUTION IN MINIATURE  
InformationWeek, p16  
Dec 30, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 1186

... or modeling programs.  
Meanwhile, in the midst of this expansion in power and speed, the cost of chips are expected to keep dropping. The trend toward increasingly open computing architectures, and clone makers taking advantage of that trend, should ensure the price cuts. For instance, in the middle of this year, when Advanced Micro Devices Inc. in Sunnyvale, Calif., began volume shipping Intel 386-chip clones (over the objections of Intel), gray-market prices of those microprocessors...

2/3,K/45 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

01473968 Supplier Number: 41782671 (USE FORMAT 7 FOR FULLTEXT)  
Sharp Debuts: Faxes, Computers, Calculators  
HFD-The Weekly Home Furnishings Newspaper, v0, n0, p178  
Jan 7, 1991  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 980

... EL-6082 combines calculator portability with organizer functionality. It has currency conversion rates, calendar and calculator functions, name-and-number storage, and a schedule function. The unit has a suggested retail price of \$39.99.

The CT-670, a pocket-size talking clock, features an alarm function with two advanced warning signals. Suggested retail price is \$199, and it is shipping.

The twin-powered, 10-digit EL-520D scientific calculator features a large key layout and combines 151 scientific and 17 calculator functions. Other features are high speed calculation and independently accessible four-key memory. Suggested retail price is \$19.99.

The EL-546D scientific calculator features a 10-digit display with 232

2/3,K/46 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

1082514 ORDER NO: AAD90-02014  
MULTI-ITEM ORDERING POLICIES FOR PURCHASES FROM A SINGLE SUPPLIER  
Author: RUSSELL, RANDOLPH MARVIN  
Degree: PH.D.



Year: 1989  
Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)  
Source: VOLUME 50/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2555. 262 PAGES

...The LTL rate structure is characterized by rate breakpoints which give rise to flat, fixed cost segments where it is economical to "over-declare" the actual shipping volume to achieve a lower tariff. The problem is formulated as a mixed-integer linear program (MILP) that determines which items to order independently, which items to group together, and the delivery frequency for...

2/3,K/47 (Item 1 from file: 40)  
DIALOG(R)File 40:Enviroline(R)

00334028 ENVIROLINE NUMBER: 83-00502  
Policy Analysis of Water Management for the Netherlands: Sedimentation and Dredging Cost Models  
Kirkwood, T.F.  
Rand Corp Report N-1500/18-Neth v18 (46)  
May 81  
JOURNAL ANNOUNCEMENT: 19830100  
DOCUMENT TYPE: research article LANGUAGE: English

ABSTRACT: A sedimentation model, dredging cost model, and a sedimentation loss function model were designed to estimate the costs of various...

...involving extractions from the waal river in the Netherlands. The sedimentation model estimates depth and volume of sediment as a function of the extraction schedule, while the dredging cost model determines cost of sediment removal. The sedimentation loss function model evaluates the cost of shipping resulting from the sediment not dredged. Results of the applications of these models to the...

2/3,K/48 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

03534069 SUPPLIER NUMBER: 09766755 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Delivering the information delivers the goods.  
Romei, Lura K.  
Modern Office Technology, v36, n1, p80(1)  
Jan, 1991  
ISSN: 0746-3839 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 776 LINE COUNT: 00060

... Mail Technology  
Technology has not left the mailroom untouched, either. Computers attached to postal scales compute the most cost-efficient method to get a parcel from here to there. In-house bar coding lets the corporation be charged less postage per piece of mail, which for large-volume mailers adds up to savings of thousands of dollars.  
Those world-class, no-frills airline...

2/3,K/49 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

03468592 SUPPLIER NUMBER: 09554179 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
16MHZ and 20MHZ 386SX laptop and portable computers. (Laptops & Portables product table) (buyers guide)  
LaPolla, Stephanie

PC week, v7, n43, p168(2)

Oct 29, 1990

DOCUMENT TYPE: buyers guide

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2883 LINE COUNT: 00255

... electro.), 16 gray levels (gas plasma).  
Resolution: 640 x 400 (STD), 640 x 480 (optional).  
Dimensions : 9.5 x 16 x 7.8.  
Software: utility package for CMOS and XCMOS configuration, QA Plus  
Diagnostics.

Price : \$4,995.

-----#-----

Vendor: Ergo Computing Inc..

Product: The Brick.

Ship date: 7/90.

Clock speed; access time: 16MHz; 28 ms.

RAM; hard disk: 1M byte...

2/3,K/50 (Item 3 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2006 The Gale group. All rts. reserv.

03464721 SUPPLIER NUMBER: 09378073 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Trends in mailing. (technology and planning facilitate effective mail room  
operations)

Romei, Lura K.

Modern Office Technology, v35, n9, p39(3)

Sept, 1990

ISSN: 0746-3839

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 974

LINE COUNT: 00075

... Grove, IL), notes, "Mailrooms are getting much more sophisticated.  
Electronic hardware such as facsimile machines, cost accounting systems,  
electronic postal computing scales, and address label affixers (labelers)  
is available at reasonable prices for the medium-to large- size mail  
departments."

ZIP + 4 bar coding was introduced in 1981, modifying the original ZIP  
code instituted...

2/3,K/51 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2006 The Gale group. All rts. reserv.

03462620 SUPPLIER NUMBER: 09458675 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Create your own DOS. (utilities that replace DOS commands) (includes  
related article on upcoming DOS versions, obtaining shareware utilities)

DeVoney, Chris

PC-Computing, v3, n10, p114(10)

Oct, 1990

ISSN: 0899-1847

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5004

LINE COUNT: 00384

... Box 35705, Houston, Texas 77235; (800) 242-4775. Toll the Library  
you want the PC/ Computing October 1990 "Super DOS" megadisk and what  
size disk your computer uses. The distribution cost for all the programs  
is \$6.95 plus \$2 shipping. If, after trying the shareware programs, you  
decide to add any of them to your...

2/3,K/52 (Item 5 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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03091815 SUPPLIER NUMBER: 06448316 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
If at first you do succeed.  
Berney, Karen  
Nation's Business, v76, n6, p14(5)  
June, 1988  
CODEN: NBUSA ISSN: 0028-047X LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 3036 LINE COUNT: 00231

... an integrated accounting package onto one computer floppy disk and priced it at \$50 -- the price that Howe calculated would generate enough volume to turn a profit. Then, using direct mail, he had targeted Dac-Easy to price-sensitive small businesses.  
Underlying the product's development had been Dac's unique approach to...

2/3,K/53 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

03019312 SUPPLIER NUMBER: 05070714 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Artificial intelligence - secret weapon in the battle to improve productivity,  
Johnson, Don S.  
Administrative Management (the Magazine of Office Administration and Automation), p35(6)  
July, 1987  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2142 LINE COUNT: 00170

... said, "we developed an in-house distribution traffic advisor system which allows a user to determine the most reliable and cost-efficient carrier for shipping a document or package." Selection criteria include the size, weight and content of the shipment, destination, delivery commitment and carrier contractual rate agreements. She...

2/3,K/54 (Item 7 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

02948450 SUPPLIER NUMBER: 04981482 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
A mail service expressly for business. (Intergraph Corp.)  
Fernberg, Patricia M.  
Modern Office Technology, v32, p68(2)  
May, 1987  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1311 LINE COUNT: 00103

... three days," Forsythe recalls. That discovery led to a country-by-country re-evaluation of mail service. Clearly, Intergraph needed a new mail system.  
The Brazilian office presented the most problems in cost control and volume. Forsythe and her two assistants dug into the mail, carefully weighing and computing the per-half-ounce postage rate for each piece. "If you looked at the rate...

2/3,K/55 (Item 8 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

02934465 SUPPLIER NUMBER: 04832661

**The Quik-Comm System. (corporate e-mail services)**

Krasnoff, Barbara

PC Magazine, v6, n9, p298(1)

May 12, 1987

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: The Quik-Comm System is a closed, global, and corporate electronic mail system from General Electric Information Services that is available on the firm's Mark III computer service. The size of the message that is sent will determine the cost of sending the message. The system now has around 5,000 users, many of them multinationals. The electronic mail service is based on a command-driven interface that will accept either binary or text...

2/3,K/56 (Item 9 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2006 The Gale group. All rts. reserv.

02878424 SUPPLIER NUMBER: 04436546 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Automation 'insures' mailroom savings.

Evans, Sherli

Modern Office Technology, v31, p118(3)

Oct, 1986

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1667

LINE COUNT: 00127

... mean money. And when the company postabe bill runs to more than \$5 million annually, computing postage charges accurately can even have an impact on the company's profit margin. Outgoing mail also includes, importantly, billings, as well as eight or nine million miscellaneous pieces in the course of a year.

Interoffice mail, which exceeds 2.5 million pieces in volume per year, is also part of the outgoing mail division. A large conveyor feeds mail from all other departments in the building throughout the day. When mail comes off the conveyor, the pieces are weighed, priced, and the cost center noted by an electronic accounting system from Pitney Bowes, Stamford, CT. The system consists...

2/3,K/57 (Item 1 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2006 CAB International. All rts. reserv.

0005950647 CAB Accession Number: 19881854044

what improvements are required in the systems of transport, handling and storage - grains.

McGaughie, D.; Connell, M.; Cracknell, B.

Terrick West Estate, Victoria, Australia.

Transport, handling and storage of agricultural commodities. Proceedings of a conference held in Sydney in May, 1986.

Conference Title: Transport, handling and storage of agricultural commodities. Proceedings of a conference held in Sydney in May, 1986.

p.153-204

Publication Year: 1987

Publisher: Rural Development Centre, University of New England  
Armidale, Australia

ISBN: 0-85834-6761

Language: English

Record Type: Abstract

Document Type: Conference paper

... relationships in the marketing chain are considered. The wheat industry is viewed in terms of cost, competitiveness, efficiency, loading rates and ship size, industrial disputed, and factors determining change. It is concluded that a coordinated and cost

Ginger R. DeMille

efficient system must be developed and forward planning implemented.  
Discussion points are noted.

2/3,K/58 (Item 2 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2006 CAB International. All rts. reserv.

0004258370 CAB Accession Number: 19750621269  
Forest products in terms of metric units.  
Binek, A.  
p.ix + 85  
Publication Year: 1973  
Publisher: A. Binek, P.O. Box 7. Westmount, Quebec, Canada  
Language: English Record Type: Abstract  
Document Type: Miscellaneous

...in English and metric units, and conversion factors between log-rule, stacked-wood, and cubic volume units; volume conversion factors for linear or surface units, and unit volumes of lumber and panels or veneer of various dimensions; weight conversion tables, shipping parameters and container sizes, and approximate shipping weight per unit volume of logs and lumber of 200 timber species (arranged by continent); and appendices on transport costs of roundwood and wood products, cost calculations, metric lumber dimensions, etc.

2/3,K/59 (Item 1 from file: 51)  
DIALOG(R)File 51:Food Sci.&Tech.Abs  
(c) 2006 FSTA IFIS Publishing. All rts. reserv.

00025402 71-01-f0008 SUBFILE: FSTA  
Testing methodology for packaging materials.  
Allen, R. P.  
E. J. Brach and Sons, Chicago, Illinois, USA  
Manufacturing Confectioner 1970, 50 (5) 29-33  
LANGUAGE: English

Engineering and testing aspects of various flexible films and corrugated shipping containers for packaging candies (sugar confectionery) are dealt with. Factors to be taken into account include type of confectionery, size of package, packaging cost, and storage conditions and geographical distribution. Weather machine tests measure flavour stability by determining vapour barrier characteristics of the film, whilst moisture stability, product G378setG378 and storage conditions are tested by determining the moisture barrier properties of the various films. Product hardness, fragility and static, package wt...

2/3,K/60 (Item 1 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00703144 DA  
TITLE: NAVAL SHIP DESIGN OPTIMISATION THROUGH EFFECTIVENESS ANALYSIS  
AUTHOR(S): Rains, DA; Johnson, JA  
SUPPLEMENTAL NOTES: Marine Computers '91; 2nd Symposium on Computer Applications in the Marine Industry; 26-27 Sept 1991; Boston, MA, USA.  
Sponsored by SNAME, New England Section. Procs. Paper AD1 [23 p, 9 tab, 6 fig]  
PUBLICATION DATE: 19000000  
LANGUAGE: English SUBFILE: MRIS (M)  
SOURCE ACCESSION NUMBER: 92071722  
DATA SOURCE: British Maritime Technology

...ABSTRACT: etc. Economics play a dominant role in these analyses. Ship costs and operating costs are computed with special models. For military effectiveness, the ship parameters are selected, ships are sized and costed by computer models, ship survivability and signatures are computed, and then mission models are used to evaluate military effectiveness. For support ships, similar models are used to size and cost the ships, signatures and survivability are computed as required, and operational models are used to compute operational effectiveness. This paper describes the...

2/3,K/61 (Item 2 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00698246 DA  
TITLE: AN AIR-CAPABLE COMBATANT FOR THE 21ST CENTURY  
AUTHOR(S): Kehoe, JW; Browner, KS; Meier, HA  
SUPPLEMENTAL NOTES: Naval Engineers J., 102 (1990) p.240 (May) [13 p., 5 ref., 6 tab., 1 2 fig.]  
PUBLICATION DATE: 19000000  
LANGUAGE: English SUBFILE: MRIS (M)  
SOURCE ACCESSION NUMBER: 90081988  
DATA SOURCE: British Maritime Technology

...ABSTRACT: aircraft and a destroyer combat suite like the DDG-51's resemble? Can such a ship be designed within reasonable size and cost limits? A feasibility design study was conducted of alternative concepts to determine the smallest, minimum cost, lowest risk, air-capable battle force combatant capable of conducting operations in the 21st century...

2/3,K/62 (Item 3 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00696822 DA  
TITLE: PROPELLER DESIGN AND THE WARSHIP PROPELLER  
AUTHOR(S): Glover, EJ  
SUPPLEMENTAL NOTES: Naval Forces, 10 (1989) p.42 (No. 6) [6 p., 8 ref., 7 fig.]  
PUBLICATION DATE: 19000000  
LANGUAGE: English SUBFILE: MRIS (M)  
SOURCE ACCESSION NUMBER: 90013029  
DATA SOURCE: British Maritime Technology

ABSTRACT: In comparison with the size and cost of the ship, the propeller is a small, cheap device which plays a key role as the link between the machinery and the hull. The determination of the correct propeller dimensions is of prime importance if the thermodynamic efficiency of the engine and the hydrodynamic efficiency...

2/3,K/63 (Item 4 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00685379 DA  
TITLE: DESIGNING THE COST EFFECTIVE MARINE FENDERING SYSTEM  
AUTHOR(S): Dorsch, RE  
SUPPLEMENTAL NOTES: Canadian Shipp. & Mar. Engng., 54 <1983>, p.14 <July> (5 pp., 4 graphs, 2 diag., 2 phot.)  
PUBLICATION DATE: 19000000  
LANGUAGE: English SUBFILE: MRIS (M)

Ginger R. DeMille

SOURCE ACCESSION NUMBER: 61338  
DATA SOURCE: British Maritime Technology

...ABSTRACT: much information as possible should be obtained on such variables as wave and tide conditions, ship size and shape, allowable hull pressure, and allowable wharf loads. Using this approach, the author <of Uniroyal Inc., Mishawaka, Indiana> presents a methodology for designing cost-effective fendering systems, under the headings:-- Calculating Kinetic Energy; Berthing Coefficient; Hydraulic Effect; Energy Absorption Factor; Wharf and Ship Design Limitations; The...

2/3,K/64 (Item 5 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00684694 DA  
TITLE: CP PROPELLERS FOR ECONOMY  
AUTHOR(S): MYERS. T.  
SUPPLEMENTAL NOTES: Mar. Eng. Rev., March 1983, p. 20 (2 pp., 2 diags 3 graphs)  
PUBLICATION DATE: 19000000  
LANGUAGE: English SUBFILE: MRIS (M)  
SOURCE ACCESSION NUMBER: 60470  
DATA SOURCE: British Maritime Technology

...ABSTRACT: control arrangements for alternator output. Configurations for shaft alternators are briefly discussed. A formula for calculating the savings from a shaft-driven alternator is given. Ship berthing: The cost of berthing a ship fitted with a c.p. propeller is about 75% of the berthing cost of a similar ship having a f.p. propeller. Sailing at reduced speed: A c.p. propeller can bring savings in this area. This is illustrated by performance curves. Propeller size and speed: The c.p. propeller gives greater scope for obtaining the optimum design compromise...

2/3,K/65 (Item 6 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00660040 DA  
TITLE: A NEW ERA IN SHIP PROPULSION  
AUTHOR(S): Paro, D  
Pag: 8p.+discuss.  
SUPPLEMENTAL NOTES: Conference paper  
PUBLICATION DATE: 19000000  
LANGUAGE: English SUBFILE: MRIS (M)  
DATA SOURCE: Maritime Technical Information Facility  
CONFERENCE TITLE: International Maritime and Shipping Conference (IMAS '89), 4th

ABSTRACT: The author's company performed a study to determine the feasibility of designing and developing a small size, lightweight prime mover that would allow a much lower level of vibration, and at the same time offer the same operational economy and lower investment cost. Based on the results of a ship design study, it was decided that the development should start with a heavy-duty medium...

2/3,K/66 (Item 7 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00656602           DA  
TITLE: MILITARY SEALIFT RESEARCH AND DEVELOPMENT PROGRAM--PROMOTION OF  
DEFENSE RELEVANT SHIPS IN JONES ACT TRADES  
AUTHOR(S): Carson, J; Dibner, B; Cohen, M; and others  
CORPORATE SOURCE: Temple, Barker and Sloane, Inc., Lexington, MA, Maritime  
Administration, Washington, DC,  
SUPPLEMENTAL NOTES: Report; Vol.-Executive Summary; Vol.2-Main Report;  
Vol.3-Appendices  
PUBLICATION DATE: 19880900       PUBLICATION YEAR: 1988  
LANGUAGE: English       SUBFILE: MRIS       (M)  
CONTRACT/GRANT NUMBER: DTMA91-86-C-60108  
REFERENCES: Refs.  
DATA SOURCE: Maritime Technical Information Facility

...ABSTRACT: initiated as soon as possible to take advantage of upcoming  
vessel replacement opportunities. An appendix volume contains  
specifications and cost calculations for the proposed conceptual  
ship designs.

2/3,K/67           (Item 8 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00654028           DA  
TITLE: RAPID: A RATIONAL AUTOMATED PACKAGE FOR INTEGRATED DESIGN  
AUTHOR(S): Uttmark, GF; Mistree, F; and others  
CORPORATE SOURCE: TransTech Marine Co., Elwyn, PA, Maritime Administration  
, Washington, DC, University of Houston Department of Mechanical  
Engineering, TX,  
SUPPLEMENTAL NOTES: Report; v.1-Executive Summary; v.2-User Guide  
PUBLICATION DATE: 19870200       PUBLICATION YEAR: 1987  
LANGUAGE: English       SUBFILE: MRIS       (M)  
CONTRACT/GRANT NUMBER: DTMA-84-C-41040  
DATA SOURCE: Maritime Technical Information Facility

...ABSTRACT: describes a technically advanced computerized system that  
combines a new approach to preliminary ship design, ship cost  
estimating and the economic validation of shipping projects. The  
system uses multiple-objective goal programming techniques developed at  
the University of Houston to optimize design variables simultaneously.  
Information produced includes principal dimensions, linear ratios,  
form coefficients, powering calculation, propeller design,  
hydrostatistics, sectional areas, freeboard calculation, stability  
analysis, and longitudinal strength calculation.

2/3,K/68           (Item 9 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00653633           DA  
TITLE: A MERCHANT SHIP SIZE OPTIMIZATION MODEL  
AUTHOR(S): Ki-Chul, C  
CORPORATE SOURCE: Naval Postgraduate School, Monterey, CA,  
Pag: 56p.  
SUPPLEMENTAL NOTES: Report; Master's Thesis  
PUBLICATION DATE: 19830900       PUBLICATION YEAR: 1983  
LANGUAGE: English       SUBFILE: MRIS       (M)  
AVAILABILITY: Available from NTIS; N/A  
ORDER NUMBER: AD-A136-813  
DATA SOURCE: Maritime Technical Information Facility

ABSTRACT: This paper analyzes how a shipowner or charterer may determine  
the specification of optimal ship size for a given route with



respect to certain market requirements. The theory of optimal ship size, a methodology for estimating scale economics, and the various factors affecting ship size are examined using a typical conventional cargo ship and bulk cargo carriers based on shipowners' cost data. (Author)

2/3,K/69 (Item 10 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00316719 DA  
TITLE: A COMPREHENSIVE METHOD FOR THE AUTOMATED OPTIMIZATION OF SHIP STRUCTURES  
AUTHOR(S): Hughes, OF; Mistree, F  
CORPORATE SOURCE: Intl Symposium on Practical Design in Shipbuilding, Tokyo, Japan  
REPORT NUMBER: Proceeding  
Pag: p 35  
SUPPLEMENTAL NOTES: Paper presented at PRADS-International Symposium on Practical Design in Shipbuilding, Tokyo, 18-20 October 1977.  
PUBLICATION DATE: 19770000 PUBLICATION YEAR: 1977  
LANGUAGE: English SUBFILE: MRIS (M 8012)  
AVAILABILITY: British Ship Research Association; Wallsend Research Station; Wallsend, Northumberland; England  
ORDER NUMBER: BSRA No. 53,346  
REFERENCES: 9 Ref.  
DATA SOURCE: British Ship Research Association

...ABSTRACT: may be any continuous non-linear function of the design variables, such as weight or cost. The method is illustrated by applying it to the optimal design of a typical general cargo ship. The overall dimensions and the design loads are the same as for SD14. Also, since this vessel has proven to be a successful and cost-effective design, it was used as the basis for determining the load factors and cost ratios for the sample problem. The program contains 74 design...

2/3,K/70 (Item 11 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00194217 DA  
TITLE: SHIP OPTIMISATION FROM A TECHNICAL AND ECONOMIC VIEWPOINT  
AUTHOR(S): Rebellon, AAODE; Manas, JE  
CORPORATE SOURCE: Empresa Nacional Elcano, Avenida Generalisimo 25, Madrid 91, Spain  
JOURNAL: Revista de Informacion Vol: 31 Pag: p 409  
SUPPLEMENTAL NOTES: This paper was presented in Bilbao in Dec. 1977 at a meeting arranged by the Northern Section of the Asociacion de Ingenieros Navals de Espana.  
PUBLICATION DATE: 19781100 PUBLICATION YEAR: 1978  
LANGUAGE: English SUBFILE: MRIS (M 7912)  
AVAILABILITY: British Ship Research Association; Wallsend Research Station; Wallsend, Northumberland; England  
ORDER NUMBER: BSRA No. 49,901  
DATA SOURCE: British Ship Research Association

...ABSTRACT: The Need for Such Studies. 3) Investment Analysis (General Aspects-Profitability the Criterion). 4) Profitability Calculations (Study of Costs-Study of Revenue). 5) Optimisation Procedure (Propulsion System-Draught-Length and Breadth-Power Requirement-Cargo-Handling Gear-Route-Crew Size -Reduction of Fuel Consumption (in relation to increases in initial cost of ship, as a

function of freight rate)-Other Applications (for these techniques).  
Order from BSRA as...

2/3,K/71 (Item 12 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00179562 DA  
TITLE: COMPUTER AIDED MARINE POWER PLANT SELECTION  
AUTHOR(S): Newton, RI  
CORPORATE SOURCE: Massachusetts Institute of Technology, 77 Massachusetts  
Avenue, Cambridge, MA, 02139,  
REPORT NUMBER: Thesis  
Pag: 92 pp  
PUBLICATION DATE: 19730600 PUBLICATION YEAR: 1973  
LANGUAGE: English SUBFILE: MRIS (M 7812)  
AVAILABILITY: Massachusetts Institute of Technology; 77 Massachusetts  
Avenue ; Cambridge; MA ; 02139  
DATA SOURCE: British Ship Research Association

...ABSTRACT: has been developed that aids the selection process. The  
program models the matching of the ship hull to the propeller with a  
cavitation criterion applied; it determines the propulsive  
coefficient and the required propulsion plant size. The program also  
calculates the initial investment cost and the important annual  
operating costs for steam. Diesel and gas-turbine power plants. It...

2/3,K/72 (Item 13 from file: 63)  
DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2006 Dialog. All rts. reserv.

00131930 DA  
TITLE: AN APPROACH FOR FINDING THE OPTIMAL MARITIME TRANSPORT COST  
AUTHOR(S): Baraka, ML  
CORPORATE SOURCE: Arab Maritime Transport Academy, Alexandria, Egypt  
JOURNAL: Arab Maritime Research Journal Issue Number: 3 Pag: pp 67-80  
PUBLICATION DATE: 19751200 PUBLICATION YEAR: 1975  
LANGUAGE: English SUBFILE: MRIS (M 7606)  
AVAILABILITY: Maritime Research Information Service; 2101 Constitution  
Avenue, NW ; Washington; DC ; 20418  
DATA SOURCE: Arab Maritime Transport Academy

...ABSTRACT: versa. Thus, administrative port authorities should bear in  
mind the continuous increase in rate of ship size, the continuous  
need to higher handling rates, and the emerging of new types of ships.  
This will help to attain the maximum value for each of ship size  
and port cargo handling capacity at minimum total cost. The purpose  
of this paper is to formulate the mathematical relationship between  
ship size and port cargo handling capacity in an enequality form.  
Using this relationship, an approach is presented to outline a domain  
of values for both ship size and port cargo handling capacity.  
within this domain the required point which minimizes the total cost  
is determined. The approach presented in this paper does not take  
into consideration port dues.

2/3,K/73 (Item 1 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00146721 SUPPLIER NUMBER: 11882480 (USE FORMAT 7 FOR FULL TEXT)  
Lot size optimization with quantity and freight rate discounts. (includes  
appendix)

Tersine, Richard J.; Barman, Samir  
The Logistics and Transportation Review, v27, n4, p319(14)  
Dec, 1991  
ISSN: 0047-4991 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3477 LINE COUNT: 00328

... and incremental quantity discount policies. Knowles and Pantumsinchai [9] devised algorithms for the EOQ with shipping discounts for various standard container sizes. Tersine, Larson, and Barman [13] developed algorithms for deterministic lot size optimization for either all-weight or incremental freight discount situations. Jucker and Rosenblatt [8] used marginal analysis for solving the single period inventory problem with quantity discounts and carload-lot shipping discounts. Hwang et al [7] employed an excessively complex algorithm for all-units quantity discounts on purchasing price and freight cost. Russell [12] devised an indifference point analysis for lot size optimization with all-units and all-weight discounts with weight over-declarations.

### III. The Model...

...encountered. A firm purchases an item from a supplier (FOB origin) and then arranges for shipping and pays the freight cost. The algorithm to be developed calculates the optimal replenishment order size. It is assumed that the management strategy is to minimize long term costs. The following...

2/3,K/74 (Item 2 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00146720 SUPPLIER NUMBER: 11882476 (USE FORMAT 7 FOR FULL TEXT)  
The inventory theoretic approach in transportation selection models: a critical review.  
Tyworth, John E.  
The Logistics and Transportation Review, v27, n4, p299(20)  
Dec, 1991  
ISSN: 0047-4991 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 7610 LINE COUNT: 00648

... main refinement, however, relates to the treatment of shipping costs. Their model assumed a fixed cost per shipment (F) equal to the cost of a fully loaded vehicle. The shipping cost per unit (SC), therefore, is an inverse function of the order size (Q) as shown here in equation (3): (3)  $SC = F/Q$ .

Apparently, the procedure for determining F is: (1) to a fit a straight line to a set of freight rates...

2/3,K/75 (Item 3 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
(c) 2006 The Gale Group. All rts. reserv.

00144287 SUPPLIER NUMBER: 10426364 (USE FORMAT 7 FOR FULL TEXT)  
Rules-based system performs best in configure-to-order.  
Dinitz, Michael  
Industrial Engineering, v23, n2, p20(2)  
Feb, 1991  
ISSN: 0019-8234 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1476 LINE COUNT: 00138

... total charge for each item.  
External formula programs also can be used to figure out shipping charges for manufactured products. For example, if a large clothing order weighs under one hundred pounds and fits within pre-determined

dimensions , it can be shipped UPS. However, if it weighs over 100 pounds, the freight is charged according to a freight table. Accurate shipping charges can then automatically be added to the product price .

Key to profits

Without accurate prices, companies can lose money when manufacturing complex configure-to...

2/3,K/76 (Item 4 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
(c) 2006 The Gale Group. All rts. reserv.

00138716 SUPPLIER NUMBER: 09712287 (USE FORMAT 7 FOR FULL TEXT)  
Freight rate structure and optimal shipment size in freight transportation.  
Abdelwahab, Walid M.; Sargious, Michel  
The Logistics and Transportation Review, v26, n3, p271(22)  
Sept, 1990  
ISSN: 0047-4991 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4622 LINE COUNT: 00407

... carriers (within and across modes), then he can directly substitute the appropriate relationship between shipment size and freight rate into Equation (2), and derive an expression for optimal shipment size . Alternatively, he can calculate the total shipping cost (by all carriers/ modes) for a wide range of shipment sizes, and choose the shipment size -mode combination with the least total shipping cost . The term "carriers/ modes" is used here since different carriers within the same mode can...

...distance = 250 miles

usage rate = 100,000 lb/year = 1,923 lb/week  
inventory carrying cost = 15 %/year  
Using the above data and Equation (18), we first calculate the values of [ALPHA.sub.0] and [ALPHA.sub.1]. Then, using Equation (14) the optimal shipment size is found to be equal to 7,100 lb.

In the above example, the mode was given as TL. However, if the shipper (or orderer) chooses, for some reason, to ship this commodity using a less-than-truckload (LTL) service, the optimal shipment size is expected to be different from the above calculated value. This is primarily because the operational characteristics of LTL services are inherently different from...date on demand for freight transportation have focused on either mode-choice models (treating shipment size as an exogenously predetermined variable) or inventory-based models whereby optimal shipment size (or shipping frequency) is determined by minimizing a total cost function. Recognizing the dependence among freight rate, shipment size , and mode, few studies have been made in an attempt to develop choice models which...

...and probit functions.

Scenario 3: Only a mode is specified in the order, while shipment size is left undetermined. In this case, it is desired to calculate , for the given mode, the optimal shipment size (or frequency of shipment) in order to minimize the total cost of shipping . Examples of this type of models ...shipment nor mode are specified in the order. In this case, it is desired to determine the combination of mode and shipment size which minimizes the total cost of shipping . This could be achieved by developing a joint model for the choices of mode and shipment size . Examples of this type of models are the multinomial logit (MNL) model used by Chiang...

2/3,K/77 (Item 5 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00122201 SUPPLIER NUMBER: 07270161  
The optimal load size for ocean shippers. (shippers of bulk cargo)  
Pope, James A.; Cross, Edward M.  
The Logistics and Transportation Review, v24, n4, p299(17)  
Dec, 1988  
ISSN: 0047-4991 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: A model for computing optimal load size and port call schedule has been constructed for shippers and bulk cargo. The model considers the cost of carrying inventory, the shipping cost, and the port entry cost. The optimal load size is determined using differential calculus and an EOQ type model. The port call schedule is determined by using the results of the optimal load size calculations to construct a microcomputer spreadsheet-based model. The end product is a flexible computer decision support system to aid transportation managers in making shipping decisions. An example is presented for a shipper of bulk products from South America to...

2/3,K/78 (Item 1 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
(c)2006 The University of Tulsa. All rts. reserv.

0001763540 PETROLEUM ABSTRACTS NO.: 117703  
CALCULATING NEGATIVE BUOYANCY  
PIPE LINE IND V 31, NO 2, PP 43-45, AUG 1969  
1969  
LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ADMINISTRATION; APPROXIMATION; BUSINESS OPERATION; CALCULATING ; CORROSION; CORROSION CONTROL; CORROSION COST ; CORROSION RESISTANCE; COST CONTROL; DENSITY; DESIGN; DESIGN CRITERIA; ENGINEERING; ENGLISH; LOCATION; MANAGEMENT; MANUAL; MATHEMATICAL ANALYSIS; MATHEMATICS; NEWS; PIPELINING, SHIPPING & STORAGE; PROTECTION; SIZE ; SPECIFICATION; STABILITY; THICKNESS; WALL

2/3,K/79 (Item 2 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
(c)2006 The University of Tulsa. All rts. reserv.

0001735535 PETROLEUM ABSTRACTS NO.: 145708  
PARAMETRIC STUDY OF STEEL WEIGHT OF LARGE OIL TANKERS  
BOBERG, B; HAGEN, E; JOHNSEN, I  
3RD ANNU OFFSHORE TECHNOL CONF PREPRINT NO OTC-1491, PP II-731 - II-746,  
1971 (V 2)  
1971  
REPORT NUMBER: OTC-1491  
LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ALLOY; COMPUTING ; CONSTRUCTION; COST ; CRUDE OIL; DESIGN; DIMENSIONAL ANALYSIS; ECONOMIC FACTOR; ENGINEERING; ENGLISH; FERROUS ALLOY; MATHEMATICAL ANALYSIS; MATHEMATICS; METAL; PARAMETER; PETROLEUM; PIPELINING, SHIPPING & STORAGE; RESEARCH; SIZE ; STEEL; STORAGE FACILITY; STRUCTURAL ENGINEERING; STUDY; TANK; WEIGHT

2/3,K/80 (Item 3 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
(c)2006 The University of Tulsa. All rts. reserv.

0001732385 PETROLEUM ABSTRACTS NO.: 148858  
PLANNING FOR OPTIMAL SIZING OF LNG PLANTS FOR PEAKSHAVING PURPOSES  
ELLIS, D C; MACKIE, J W; VAN DINTERON, W J K  
2ND INT IGU ET AL LNG CONG PROC SESS 5, PAPER NO 2, 10 PP, 1970

1970

LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ADMINISTRATION; APPLICATION; BUSINESS OPERATION;  
COMPARISON; COMPUTER PROGRAMING; COMPUTING ; COST ; DELIVERABILITY;  
DEMAND; DESIGN; ECONOMIC FACTOR; ENERGY SOURCE; ENGINEERING; ENGLISH; FUEL;  
FUEL COST ; GAS INDUSTRY; GASEOUS FUEL; MANAGEMENT; MARKETING; OPERATIONS  
RESEARCH; OPTIMIZATION; PIPELINING, SHIPPING & STORAGE; PLANNING;  
PROGRAMING; RESEARCH; SIZE ; STUDY; SUPPLY; SYSTEMS ENGINEERING

2/3,k/81 (Item 4 from file: 87)

DIALOG(R)File 87:TULSA (Petroleum Abs)

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0001631306 PETROLEUM ABSTRACTS NO.: 249937

RISK STUDIES ANALYZE ANCHOR DAMAGE TO OFFSHORE PIPELINES

BASU, R; MARINO, J A; MOUSSELLI, A H

OIL GAS J V 76, NO 25, PP 99-104, 6/19/78

1978

LANGUAGE: ENGLISH

MINOR DESCRIPTORS: BURIED; CALCULATING ; CHART; CLASSIFICATION; COST ;  
DEPTH; DITCHING; ECONOMIC FACTOR; ENGLISH; FORCE; FREQUENCY; GRAPH; IMPACT;  
LINE PIPE; LOAD (FORCE); MARINE TRANSPORTATION; MATHEMATICAL ANALYSIS;  
MATHEMATICS; PENETRATION DEPTH; PHYSICAL PROPERTY; PIPE; PIPELINING,  
SHIPPING & STORAGE; PROBABILITY; RESEARCH; RISK; SEA FLOOR; SHIP ; SIZE  
; SOIL (EARTH); STATISTICAL ANALYSIS; STUDY; SUBMARINE TOPOGRAPHY;  
SUBSURFACE; TOPOGRAPHY; TRANSPORTATION; TUBULAR GOODS; UNDERGROUND;  
UNDERWATER TOPOGRAPHY...

2/3,k/82 (Item 5 from file: 87)

DIALOG(R)File 87:TULSA (Petroleum Abs)

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0001570382 PETROLEUM ABSTRACTS NO.: 310861

VALERO USES COMPUTER FOR T&E CONTROL

BURLESON, J L; MINGLE, J C; RAINVILLE, B J

OIL GAS J V 79, NO 51, PP 72-74, 79, 12/21/81 (ISSN 00301388)

1981

ISSN: 00301388

LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ADMINISTRATION; ANALYTICAL METHOD; ANALYZER; BUSINESS  
OPERATION; CHART; COMPUTED RECORD; COMPUTER PROGRAMING; CONSUMER;  
CONSUMPTION; CONTRACT; COST ; DATA ANALYSIS; DATA PROCESSING; DEMAND;  
ECONOMIC FACTOR; EFFICIENCY; ENGLISH; GAS FLOW; INSTRUMENT; LEGAL  
CONSIDERATION; MANAGEMENT; MAP; MONITORING; OPERATING CONDITION; PIPELINE  
MAP; PIPELINING, SHIPPING & STORAGE; PIPING SYSTEM; PLANNING; PROGRAMING;  
RECORD; RESEARCH; SCHEDULING; STUDY; SUPPLY; TESTING; TRANSPORTATION;  
TRANSPORTATION COST ; TRANSPORTATION TERMINAL; TREND STUDY; VOLUME ;  
VOLUMETRIC EFFICIENCY; VOLUMETRIC METHOD

2/3,k/83 (Item 6 from file: 87)

DIALOG(R)File 87:TULSA (Petroleum Abs)

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0001542803 PETROLEUM ABSTRACTS NO.: 338440

AUTOMATED MEASUREMENT ON LOADING RACKS

CAMPBELL, D; PUCKETT, G

54TH INT OKLA UNIV HYDROCARBON MEAS SCH (NORMAN, OKLA, 4/10-12/79) PROC  
PP 298-300, 1979

1979

LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ACCURACY; ADMINISTRATION; APPLICATION; BUSINESS OPERATION; COMPUTER PROGRAMING; COMPUTER TERMINAL; COMPUTING ; CORRECTION; COST ; DATA PROCESSING EQUIPMENT; ECONOMIC FACTOR; ELECTRICAL EQUIPMENT; ELECTRONIC EQUIPMENT; ENGLISH; ERROR; INSTALLING; INSTRUMENTATION; MANAGEMENT; MATHEMATICAL ANALYSIS; MATHEMATICS; MEASURING; METERING; MINIATURIZATION; MINICOMPUTER; MONITORING; MOTOR VEHICLE; OPERATING COST ; OUTPUT; PIPELINING, SHIPPING & STORAGE; PROBABILITY; PROGRAMING; PUMP STATION; RISK; SAFETY; SECURITY; STANDARD; STATISTICAL ANALYSIS; SYSTEM (ASSEMBLAGE); TECHNOLOGY; TEMPERATURE COMPENSATION; TESTING; TRANSMISSION; TRANSMISSION (DATA); TRANSMITTING; TRANSPORTATION SYSTEM; TRUCK; VEHICLE; VOLUME

2/3,k/84 (Item 7 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
(c)2006 The University of Tulsa. All rts. reserv.

0001526759 PETROLEUM ABSTRACTS NO.: 354484  
PROGRAM AIDS COMPUTER-PLOTTING OF WELD FLAWS  
BURKLE, W S  
OIL GAS J V 82, NO 9, PP 91-94, 2/27/84 (ISSN 00301388)  
1984  
ISSN: 00301388  
LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ACOUSTICS; ANALYTICAL METHOD; BUSINESS OPERATION; CALCULATING ; CASING (WELL); COMPUTER; COST ; DATA; DATA ANALYSIS; DATA PROCESSING; DETECTOR; ECONOMIC FACTOR; ENGLISH; EVALUATION; FORCE; INSTRUMENT; INTERFACE; LINE PIPE; LOCATING; MAINTENANCE; MATERIALS TESTING; MATHEMATICS; MEASURING; METALLURGY; MONITORING; ORIENTATION; PHILLIPS PETROLEUM CO; PIPELINE; PIPELINING, SHIPPING & STORAGE; PROCEDURE; PRODUCING COST ; PRODUCING EQUIPMENT; REPAIR; SIZE ; STRESS; STRESS ANALYSIS; ULTRASONICS; WELDING; WELDING EQUIPMENT

2/3,k/85 (Item 8 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
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0001514479 PETROLEUM ABSTRACTS NO.: 366764  
HOW TO ESTIMATE CONSTRUCTION COSTS  
GREEN, R D  
PENNSYLVANIA UNIV  
PIPE LINE IND V 61, NO 3, PP 47-48, SEPT 1984 (ISSN 00320145)  
1984  
ISSN: 00320145  
LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ADJUSTABILITY; COMPUTER; CONCESSION; CONSTRUCTION MATERIAL; CONTRACT; CORRELATION; DATA; DIAMETER; DISTANCE; EMPIRICAL ANALYSIS; ENGLISH; EQUIPMENT COST ; HAND HELD CALCULATOR ; HISTORY; INFLATION; LABOR COST ; LEGAL CONSIDERATION; LENGTH; MATHEMATICAL ANALYSIS ; MATHEMATICS; MICROPROCESSOR; MODEL; PARAMETER; PIPELINE; PIPELINING, SHIPPING & STORAGE; PROGRAM; RESEARCH; RIGHT OF WAY; RULE OF THUMB; SIZE ; STUDY; TABLE (DATA); TERRAIN PROBLEM; TREND STUDY

2/3,k/86 (Item 9 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
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0001498499 PETROLEUM ABSTRACTS NO.: 382744  
CHARTS FOR DETERMINING OPTIMUM PRESSURE DROP THROUGH LIQUID FLOW CONTROL

VALVES [GRAFICAS PARA DETERMINAR LA CAIDA DE PRESION OPTIMA A TRAVES DE VALVULAS DE CONTROL DE FLUJO DE LIQUIDOS]

ANAYA D, A  
INST MEXICANO PETROLEO  
REV INST MEX PETROL V 16, NO 1, PP 64-69, JAN 1984 (IN SPANISH)  
1984  
LANGUAGE: SPANISH

MINOR DESCRIPTORS: ADMINISTRATION; BUSINESS OPERATION; CALCULATING ;  
CHART; CONTROL; COST ; COST ANALYSIS ; COST CONTROL; DATA; DEPRECIATION  
; ECONOMIC FACTOR; ENERGY; FLOW CONTROL; FLOW MEASURING; FLUID; FLUID  
VELOCITY; GRAPH; GRAPHICAL REPRESENTATION; LIQUID; MANAGEMENT; MEASURING;  
OPTIMIZATION; PIPELINING, SHIPPING & STORAGE; SIZE ; SPANISH; TABLE  
(DATA); TESTING; VELOCITY

2/3,k/87 (Item 10 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
(c)2006 The University of Tulsa. All rts. reserv.

0001482753 PETROLEUM ABSTRACTS NO.: 398490  
HOW TO APPLY OPTIMIZATION TO GAS REGULATOR SPECIFICATIONS  
PARCH, J R  
EAST OHIO GAS CO  
PIPE LINE IND V 63, NO 4, PP 37, 40-41, OCT 1985 (ISSN 00320145)  
1985  
ISSN: 00320145  
LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ADMINISTRATION; BUSINESS OPERATION; CALCULATING ;  
CAPACITY; COEFFICIENT; COMPARISON; COST ; COST CONTROL ; DESIGN; DESIGN  
CRITERIA; DETECTOR; ECONOMIC FACTOR; EFFICIENCY; ENGINEERING; ENGLISH;  
FACTOR; FLOW CAPACITY; FLOW RATE; INSTRUMENT; LEGAL CONSIDERATION;  
MANAGEMENT; MATHEMATICS; NATURAL GAS; OPERATING; OPERATING COST ;  
OPTIMIZATION; PETROLEUM; PHYSICAL PROPERTY; PIPELINING, SHIPPING &  
STORAGE; PRESSURE; RATE; RATIO; REGULATION; REMOTE CONTROL; REMOTE SENSOR;  
SIZE ; SPECIFICATION; TOLERANCE

2/3,k/88 (Item 11 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
(c)2006 The University of Tulsa. All rts. reserv.

0001410585 PETROLEUM ABSTRACTS NO.: 470658  
HOW SOCAL [SOUTHERN CALIFORNIA GAS CO.] USES TOTAL ON-SITE ENERGY  
MEASUREMENT  
LANSING, J R  
SOUTHERN CALIFORNIA GAS CO  
PIPE LINE IND V 71, NO 3, PP 29-32, SEPT 1989 (ISSN 00320145; 1 REF)  
1989  
LANGUAGE: ENGLISH

MINOR DESCRIPTORS: ACCURACY; ADMINISTRATION; ALARM; ANALYTICAL METHOD;  
BUSINESS OPERATION; CALCULATING ; CHROMATOGRAPHY; COMMUNICATION SYSTEM;  
COMPUTER; COST ; COST CONTROL ; DATA ANALYSIS; DATA PROCESSING; ECONOMIC  
FACTOR; ENGLISH; FLOWMETER; FLUID FLOW; GAS CHROMATOGRAPHY; GAS FLOW;  
INSTRUMENT; MANAGEMENT; MARKETING; MATHEMATICS; OPERATING COST ;  
PIPELINING, SHIPPING & STORAGE; REAL TIME; SAFETY EQUIPMENT; SECURITY;  
SYSTEM (ASSEMBLAGE); TIME; TRANSMISSION (DATA); TRANSMITTER; TRANSMITTING;  
VOLUME

2/3,k/89 (Item 12 from file: 87)  
DIALOG(R)File 87:TULSA (Petroleum Abs)  
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0001405876 PETROLEUM ABSTRACTS NO.: 475367

LEAK DETECTION IMPLEMENTATION : MODELING AND TUNING METHODS

GRIEBENOW, G; MEARS, M

WILLIAMS PIPE LINE CO

ASME PETROL DIV FALL WORKSHOP PIPELINE SAFETY & LEAK DETECTION SEMINAR  
(HOUSTON, 10/20-21/88) PROC PP 9-18, 1988

1988

LANGUAGE: ENGLISH

MINOR DESCRIPTORS: BALANCE; BOUNDARY; BOUNDARY CONDITION (MATH);  
CALCULATING ; CHART; DETECTOR; DIAGRAM; ENGLISH; FLOW MEASURING; GRAPH;  
HYDRAULICS; INSTRUMENT; LABORATORY TESTING; LEAK DETECTOR; LIMIT;  
MATHEMATICS; MEASURING; MEETING PAPER TEXT; MONITORING; OPERATING COST ;  
PATTERN; PIPELINE; PIPELINE BUNDLE; PIPELINE INDUSTRY; PIPELINE PRESSURE;  
PIPELINING, SHIPPING & STORAGE; PRESSURE; PROCEDURE; RESPONSE; SAFETY;  
SAFETY FACTOR; SIMULATION; TESTING; TIME; VOLUME

2/3,k/90 (Item 13 from file: 87)

DIALOG(R)File 87:TULSA (Petroleum Abs)

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0001372381 PETROLEUM ABSTRACTS NO.: 508862

AN ANALYSIS OF INCREASING THE SIZE OF THE STRATEGIC PETROLEUM RESERVE TO  
ONE BILLION BARRELS

US DOE REP. NO.SR/ICID-90-01 (DE91005278) Jan. 1990. (2 microfiche with  
109 pp)

1990

LANGUAGE: ENGLISH

...MINOR DESCRIPTORS: ANTICLINE; BUSINESS OPERATION; CHART; COST; COST  
ANALYSIS; COST CONTROL; CRUDE OIL; DAMAGE; DATA; DECREASE; DEMAND;  
DETERMINING ; DEVELOPMENT; DEVELOPMENT COST; DOME; DRAINING; DRAWDOWN;  
ECONOMIC EVALUATION; ECONOMIC FACTOR; ENERGY INFORMATION ADMINIS; ENGLISH;  
FILLING; FLEXIBILITY; FOLD (GEOLOGY); GEOLOGIC STRUCTURE; GOVERNMENT REPORT  
; GRAPH; MAINTENANCE; MAINTENANCE COST ; MANAGEMENT; MATHEMATICAL ANALYSIS;  
; MATHEMATICS; MECHANICAL PROPERTY; NORTH AMERICA; NUMERICAL ANALYSIS;  
OPERATING; OPERATING COST ; PETROLEUM; PIPELINING, SHIPPING & STORAGE;  
PLANNING; PRESSURE DECLINE; PRICE ; PROBABILITY; SALT DOME; SENSITIVITY;  
SENSITIVITY ANALYSIS; SIZE ; STATISTICAL ANALYSIS; STATISTICS (DATA);  
STRATEGY; SUPPLY; TABLE (DATA); TESTING; UNITED STATES; US DEPT ENERGY

2/3,k/91 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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00639349 JICST ACCESSION NUMBER: 88A0377280 FILE SEGMENT: JICST-E  
Development of adsorber system utilizing ocean current for uranium recovery  
from seawater.

HIRAI TATSUO (1); SAKATA NORIHIKO (1); YAMADA MICHIMASA (1); TSUJITANI

JUNICHI (1); OKAZAKI MORIO (2); TAMON HAJIME (2)

(1) Hitachi Zosen Corp.; (2) Kyoto Univ., Faculty of Engineering  
Nippon Kaisui Gakkaishi(Bulletin of the Society of Sea Water Science, Japan  
) , 1988, VOL.42,NO.1, PAGE.7-14, FIG.6, TBL.1, REF.6

JOURNAL NUMBER: F0235ABU ISSN NO: 0369-4550 CODEN: NKAGB

UNIVERSAL DECIMAL CLASSIFICATION: 621.039.54 66.06/.07+

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: cost was derived for the present type of adsorber. The optimum  
dimensions of adsorber were determined under the restrictions such as

the size of dock in a shipbuilding factory and the stability in towing and mooring the equipment. The calculated results suggested that the adsorber cost decreased by around 30% under the optimum condition. And the transportation system of the adsorbent was investigated. In the case where a mother ship system was adopted, the transportation cost was 5,000yen/ton-adsorbent. It was made clear that the total recovery cost of uranium from the seawater could be reduced to 140,000yen/kg-U from 190...

2/3,K/92 (Item 1 from file: 103)

DIALOG(R)File 103:Energy SciTec

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05428391 FRN; RN05134141; TVI 3646

Title: Long term developments in irradiated natural uranium processing costs. Optimal size and siting of plants; Perspectives a long terme des couts de traitement de l'uranium naturel irradie. Tailles et localisations optimales des usines

Author(s): Thiriet, L. [Commissariat a l'Energie Atomique, Saclay (France). Centre d'Etudes Nucleaires]; Oger, C.; Vaumas, P. de [Saint-Gobain Nucleaire, 92 - Courbevoie (France)]

Corporate Source: CEA Saclay, 91 - Gif-sur-Yvette (France)

Source: Other Information: 3 refs

Publication Date: 19640701

Availability Date: 20051219

Report Number(s): CEA-R--2642

OSTI Number(s): DE20668336

Contract Number (Non-DOE): TRN FR05R2642107037

Language: English; French

Medium/Dimensions: Size: 33 pages

...Abstract: is studied, as well as the influence of plant sizes on these costs and structures. Shipping costs from the production site to the plant must also be added to processing costs. An attempt to reach a minimum cost for the production of a country or a group of countries must therefore take into account both the size and the location of the plants. The foreseeable shipping costs and their structure (freight, insurance, container cost and depreciation), for spent natural uranium are indicated. Secondly, for various annual spent fuel reprocessing programmes, the optimal sizes and locations of the plants are determined. The sensitivity of the results to the basic assumptions relative to processing costs, shipping costs...

2/3,K/93 (Item 2 from file: 103)

DIALOG(R)File 103:Energy SciTec

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02981854 EDB-91-015477; NTS-91-007403; ERA-16-007198

Title: Cost benefit analysis of waste compaction alternatives at Lawrence Livermore National Laboratory

Corporate Source: Lawrence Livermore National Lab., CA (USA) Science Applications International Corp., Pleasanton, CA (USA)

Sponsoring Organization: DOE/DP;

Publication Date: Nov 1990

(82 p)

Report Number(s): UCRL-CR-105453

Order Number: DE91005434

Contract Number (DOE): W-7405-ENG-48

Language: In English

...Abstract: and mixed wastes at Lawrence Livermore National Laboratory (LLNL) Hazardous Waste Management (HWM) facilities. The cost benefit analysis was conducted to determine if increased compaction capacity

at HWM might afford the potential for significant waste volume reduction and annual savings in material, shipping, labor, and disposal costs. In the following cost benefit analysis, capital costs and recurring costs of increased HWM compaction capabilities are considered. Recurring...

2/3,K/94 (Item 3 from file: 103)

DIALOG(R)File 103:Energy SciTec

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01942452 DE-87-003043; EDB-87-070114

Title: Coke

Author(s): Strunk, G.

Title: Investigation on alternative energy sources to be used instead of heating oil (supply concept) in the Rhine and Neckar region. Section A.4: Comparative evaluation of the use of the alternative energy sources gas, electricity, district heat, by means of studies, practical investigations, and publications. Subsection A.4.3. Energy distribution

Original Title: Untersuchung einer zum Heizoel alternativen Energie-Bedarfsdeckung (Versorgungskonzept) fuer den Rhein-Neckar-Raum. Abschnitt A.4: Vergleichende Betrachtung des Einsatzes der alternativen Energietraeger: Gas, Elektrizitaet und Fernwaerme an Hand von Eigenuntersuchungen, Studien und Veroeffentlichungen. Teilabschnitt A.4.3. Energieverteilung

Corporate Source: Energie- und Wasserwerks Rhein-Neckar A.G., Mannheim (Germany, F.R.)

Publication Date: 1982

p 1-16

Report Number(s): NP-7751733

Order Number: DE87751733

Language: German

...Abstract: are the routes for transporting the fuel from the mining area to the wholesalers' stores. Cost in the end-distribution sector is sub-divided as follows: storage and turnover cost, export cost (factors of influence: supply quantity, transport volume, export type, shipping distance to customer), sales and administration cost as well as cost from the calculation point of view (entrepreneurial wages, capital interest, risk surcharges). These individual types of cost are dealt with in detail, which includes figures given as hints regarding calculation formulas and their variables. Results of calculations of distribution cost for certain settlement types (ST 1..9) are grouped as to calculation...

2/3,K/95 (Item 4 from file: 103)

DIALOG(R)File 103:Energy SciTec

(c) 2006 Contains copyrighted material. All rts. reserv.

01355416 EDB-84-053096

Title: Ocean transport of coal - a report on behalf of the CIAB Infrastructure Committee including ocean freight costs, backhaul possibilities, shallow draft ships, coal fired ships

Publisher: ELSAM, Fredericia, Denmark

Publication Date: 1983

p 83

Language: English

...Abstract: However, the fact that new vessels are still being ordered supports the assumption that full cost -recovery over the lifetime is a reasonable calculation basis. The marginal freight cost savings are largest when the ship - size is increased from 60,000 dwt to 120,000 dwt, whereby a 25-30% freight reduction can be seen. If the ship - size is increased to 250,000 dwt, another 15-18% can be saved. When the volume of coal to be transported is taken into consideration

the freight savings could add up...

2/3,k/96 (Item 5 from file: 103)  
DIALOG(R)File 103:Energy SciTec  
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00643352 ERA-05-028664; EDB-80-082877  
Title: Preliminary designs for ocean thermal energy conversion (OTEC)  
stationkeeping subsystems (SKSS). Task I. Design requirements.  
Final report  
Corporate Source: Lockheed Missiles and Space Co., Sunnyvale, CA (USA).  
Ocean Systems Div.  
Publication Date: 1 Jun 1979  
p 156  
Report Number(s): DOE/NOAA/OTEC-5; LMSC-D-673832  
Contract Number (DOE): EG-77-A-29-1078  
Language: English

...Abstract: safety and load factors. The SKSS concepts will be analyzed to evaluate performance, reliability, and cost. Performance analysis conducted included catenary anchor leg static calculations to size components, as well as drag due to environmental loads in the operational and extreme sea states for both ship and spar platforms. Dynamic analyses and trade studies to be conducted in Task II are...

2/3,k/97 (Item 6 from file: 103)  
DIALOG(R)File 103:Energy SciTec  
(c) 2006 Contains copyrighted material. All rts. reserv.

00624958 EPA-06-003135; ERA-05-023546; EDB-80-064482  
Title: Economics of oceanborne coal transportation  
Author(s): Hettena, R.  
Affiliation: Maritime Overseas Corp., New York, NY  
Title: Critical issues in coal transportation systems  
Conference Title: Symposium on critical issues in coal transportation systems  
Conference Location: Washington, DC, USA Conference Date: 14 Jun 1978  
Publisher: National Academy of Sciences, Washington, DC  
Publication Date: 1979  
p 53-93  
Report Number(s): CONF-7806123-  
Language: English

...Abstract: shipping business is completely unrestricted. The industry is totally unregulated, and the market where bulk- shipping services are bought and sold is large and well developed. There is no significant differentiation in the provision of shipping services. Bulk shipowners are contract carriers and engage in price competition. Economies-of-scale are an important determinant of unit costs of transportation; these costs increase with distance and decrease with ship size. Whereas freight rate fluctuations of large magnitude are common to the tanker and other bulk...

2/3,k/98 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05582912 SUPPLIER NUMBER: 11885096 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Going on a low-postage diet. (mail order business)(includes related articles)  
Maciejewski, Jeffrey  
Catalog Age, v8, n10, p81(4)

Oct, 1991  
ISSN: 0740-3119      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 3129      LINE COUNT: 00242

... destination, along with other supporting documents.  
Using this mailing method, your postal savings are ultimately determined by your freight charges. These can vary widely. And because few catalogers have enough volume to ship alone and garner cost-effective rates, many are currently looking to "pooled" shipping programs for savings. These allow you to ship your books with other catalogers' to common...

2/3,K/99      (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05462810      SUPPLIER NUMBER: 11317902      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Logistics pay: finally, a flight to quality. (1991 Materials and Logistics Management Compensation Survey)

Barks, Joseph V.  
Chilton's Distribution, v90, n10, p28(6)

Sept, 1991  
ISSN: 1057-9710      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 2243      LINE COUNT: 00176

... point where a complete set of performance measurement standards have been established, beyond the usual calculations of the cost of distribution vis a vis sales, or the cost of transportation vis a vis shipping volume.

"It's more or less been internal to this point," says Reisner. "We're currently...

2/3,K/100      (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05220376      SUPPLIER NUMBER: 11305952      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Taking the alternate route; examining price and service levels of alternate delivery can help you decide if you should try it. (includes related article)

Catalog Age, v8, n2, p71(2)

Feb, 1991  
ISSN: 0740-3119      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1544      LINE COUNT: 00126

... must strip from your list the portions of your mailing targeted for the service. The cost of this can vary. Since a significant portion of alternate delivery mail preparation is attributable to the "front end," list preparation costs may ultimately determine the economic break-even point for the use of alternate delivery services. Ask qualified list service bureaus to explain their pricing structures and define what volume of alternate delivery mail is economically advisable from a mail preparation standpoint.

When can you deliver?  
After you've...

2/3,K/101      (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05218436      SUPPLIER NUMBER: 11256786      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Machine vision: reaching for maturity.

Spro, Eugene

Tooling & Production, v56, n10, p53(3)

Jan, 1991

ISSN: 0040-9243

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1658

LINE COUNT: 00128

... cross-sectional area varied so widely, they had to add length to guarantee a minimal volume, and consequently were shipping way too much metal. By calculating cross-sectional area with machine vision, they could control the cutter precisely and get the optimum volume each time."

What's it cost?

What's a typical vision package cost today? "A small line-scan system is about \$2000 or so," replies Dunlap, versus a...

2/3,K/102 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05113854

SUPPLIER NUMBER: 09840853

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Mailrooms and the computer link-up.

Richey, Thomas Jr.

Office, v113, n1, p40(1)

Jan, 1991

ISSN: 0030-0128

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 682

LINE COUNT: 00057

...ABSTRACT: systems downsizing may cause some firms to keep their large, centralized mailrooms. Implementing client-server computing enables the establishment of a corporate-wide electronic mail network. Outsourcing may have implications for mailrooms, as far as what type of equipment to purchase and what size of mailroom. The mailroom is in a different position than the computer room and should be considered in a different way when it comes to cost cutting.

2/3,K/103 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05090167

SUPPLIER NUMBER: 09315074

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Sharp debuts: faxes, computers, calculators. (Sharp Electronics Corp.)

HFD-The Weekly Home Furnishings Newspaper, v65, n2, p178(3)

Jan 7, 1991

ISSN: 0746-7885

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1098

LINE COUNT: 00085

... EL-6082 combines calculator portability with organizer functionality. It has currency conversion rates, calendar and calculator functions, name-and-number storage, and a schedule function. The unit has a suggested retail price of \$39.99.

The CT-670, a pocket-size talking clock, features an alarm function with two advanced warning signals. Suggested retail price is \$199, and it is shipping.

The twin-powered, 10-digit EL-520D scientific calculator features a large key layout and combines 151 scientific and 17 calculator functions. Other features are high speed calculation and independently accessible four-key memory. Suggested retail price is \$19.99.

The EL-546D scientific calculator features a 10-digit display with 232...

2/3,K/104 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2006 The Gale Group. All rts. reserv.

05084467 SUPPLIER NUMBER: 09753387 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Postal network model charts mail flow scenarios.  
Taft, Darryl K.  
Government Computer News, v10, n1, p29(2)  
Jan 7, 1991  
ISSN: 0738-4300 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 945 LINE COUNT: 00073

... support system for USPS senior managers. IT lets users play what-if games and project mail volume scenarios.

For example, a manager could review the affect of an increase in mail volume to a certain area using the PNM.

"The model looks at the volume assumption and calculates the cost of processing the mail and the cost of transportation and comes up with a total impact for the manager," Campbell said. The...

2/3,K/105 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05063052 SUPPLIER NUMBER: 10596585  
Candle software gets a handle on DB2 storage. (Candle Corp.'s DB2-DASD 2.0 for efficient resource allocation; direct storage access devices)  
(product announcement)

Alper, Alan  
CSN, n508, p24(2)  
March 25, 1991

DOCUMENT TYPE: product announcement ISSN: 1060-1406 LANGUAGE:  
ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Candle Corp introduces DB2-DASD 2.0, a software utility program that provides a cost analysis of how the popular mainframe data base management system DB2 uses direct storage access devices (DSAD). The software is priced between \$8,000 and \$32,000 depending on processor size, and is expected to ship by 2nd qtr FY 1991. DB2-DASD also locates wasted space and determines which data sets need to be moved. The program advises managers where to move data...

2/3,K/106 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

04919893 SUPPLIER NUMBER: 11257878 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Postal subsidies for the press and the business of mass culture, 1880-1920.  
Kielbowicz, Richard B.  
Business History Review, v64, n3, p451(38)  
Autumn, 1990  
ISSN: 0007-6805 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 15609 LINE COUNT: 01292

... to apply administrative remedies, the Penrose-Overstreet Commission triggered a series of inquiries into the cost of the mail service. This resurrected a long-simmering dispute between the Post Office and the press: determining the size of the subsidy, if one existed at all. To inform the deliberations of the Penrose...

2/3,K/107 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

04893420 SUPPLIER NUMBER: 09737085 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The price aint right. (the problems of Computer Associates' pricing policy)  
Cole, Louise  
PC User, n148, p23(1)  
Dec 19, 1990  
ISSN: 0263-5720      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1099      LINE COUNT: 00082

...      discounted as marketing hype.

But all this begs the question of what is a fair price for software. The major factor in determining price is volume sales. Some of CA's mid-range products sell at 200,000 pounds and ship in ones and twos annually. Lotus 1-2-3, on the other hand, sells 8...

2/3,K/108      (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04144218      SUPPLIER NUMBER: 08117327      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Skee sheets: a shipping alternative: there is a step between pallets and slipsheets. (Inside Warehousing & Distribution special section)  
Ebeling, C.W.  
Transportation & Distribution, v30, n12, p54(4)  
Nov, 1989  
ISSN: 0895-8548      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1869      LINE COUNT: 00142

...      competitive to heavy-duty slipsheets. While there are some functional differences between slipsheets and skees, volume is usually a determining factor on the method selected. In recent years the consolidation of plants and distribution centers into fewer but much larger shipping centers has provided the volume that justifies the installation of slipsheet attachments on lift trucks. Where volume does not support the investment in push-pull attachments, skees may provide a cost effective alternative to pallets or handstacking methods.

Although not as prevalent as slipsheets or pallets...

2/3,K/109      (Item 12 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04131629      SUPPLIER NUMBER: 08061857      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Casio's big plans to spur keyboard sales this fall: electronic diaries have put calculators back in first place at Casio, displacing keyboards, which have been affected by video games.  
Greenberg, Manning  
HFD-The Weekly Home Furnishings Newspaper, v63, n43, p162(2)  
Oct 23, 1989  
ISSN: 0746-7885      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1612      LINE COUNT: 00121

...      achieve them. As an illustration, Casio introduced a line of digital diaries which it began shipping last May. The line of seven models has helped the company's calculator division achieve dollar sales this year that will be about one-third higher than last year.

"The increasing size of our business has enabled us to introduce seven different digital diaries at different price points," said McDonald. "Because of that we can address different channels of retail distribution. We...

2/3,K/110      (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03485655      SUPPLIER NUMBER: 06467367      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Lotus 1-2-3; this basic software isn't just for number crunching anymore.  
Weart, Walter  
Chilton's Distribution, v87, n2, p38(3)  
Feb, 1988  
ISSN: 1057-9710      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1396      LINE COUNT: 00106

... allow him to computerize the solution. "We have a plant in Phoenix, Ariz. and are shipping to Texas, Oklahoma and part of Louisiana, primarily in LTL lots," says Nurss. The average size of the shipments is about 200 lbs. and, Nurss indicates, in the high LTL cost segment.  
"I wanted to determine if it would be cost-effective to ship in volume to Dallas and use a pool distributor," says Nurss. Nurss had used 1-2-3...

2/3,K/111      (Item 14 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03483821      SUPPLIER NUMBER: 06352667      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Best tests interactive laser info kiosks to augment Best Notes in 20  
showrooms. (Best Products Company Inc.)  
Markowitz, Arthur  
Discount Store News, v27, n4, p3(2)  
Feb 15, 1988  
ISSN: 0012-3587      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1159      LINE COUNT: 00094

... provide comparison information in their books on items such as bikes, target pistols, binoculars, speakers, calculators, flash units and irons. In sleeping bags, for example, the comparison chart lists manufacturers, fill material, outer shell, lining fabric, size, shipping weight, country of origin, reference price and Best's price for 10 items.  
Printout of the information on the item includes the model number, price...

2/3,K/112      (Item 15 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03132226      SUPPLIER NUMBER: 04743867      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Quantity discount programs. (column)  
Biggs, Donald F.  
Handling & Shipping Management, v28, p61(1)  
March, 1987  
DOCUMENT TYPE: column      ISSN: 0194-603X      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 602      LINE COUNT: 00049

... in terms of cases or weight. The brackets can be based on industry norms, transportation cost breaks, or a desire to segregate TL from half-TL from LTL. The bracket differentials should reflect appropriate shipping and warehousing costs.  
In order to determine the validity of the proposed bracket structure and differentials, it is necessary to estimate the expected percentage of volume that each bracket would attract. This estimation can be accomplished by comparing the incremental carrying cost of buying more product versus the savings associated with buying in a lower priced bracket  
...

2/3,K/113 (Item 16 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02042458 SUPPLIER NUMBER: 03300440 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
American Express to market MCI Mail for MCI.  
PR Newswire, LA13  
June 6, 1984  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 891 LINE COUNT: 00075

... 3" by 7.8" (width/height/depth). Weight: 5 lbs.  
-- 430-090NZ Xerox 6100 Memorywriter. Cost : \$1,580. Electronic typewriter. By plugging into an existing modem, the Memorywriter can become a communications terminal to send or receive MCI Mail .  
-- 430-116NZ workslate with MCI Mail Taskware. Cost : \$1,244.95. Portable computing tool features built-in modem, phone dialer and speakerphone. Can be connected to any phone plug to send messages by MCI Mail . Dimensions : 8-1/2" by 11" by 1" (width/length/height). Weight: 3 lbs.

To purchase...

2/3,K/114 (Item 17 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02028432 SUPPLIER NUMBER: 03300410 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
High tech equipment may shrink work force by 1990. (From Where I Sit)  
(column)  
Feinberg, Samuel  
WWD, v147, p10(1)  
June 6, 1984  
DOCUMENT TYPE: column ISSN: 0149-5380 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 784 LINE COUNT: 00061

... microfilm could increase, further reducing the sales force without increasing the stock-delivery force. Manual Price -marking will be eliminated by automated central retail distribution systems.

The domestics department of Woodward & Lothrop boasts a robot sales clerk. A customer can punch in the type, size and color of the items wanted after viewing real fabric samples on a console. The computer calculates the cost, the customer pays and the goods are delivered by mail. The robot also records the change inventory for the information of the warehouse and the...

2/3,K/115 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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02402162  
Seiko handheld computer for home contracting to bow  
HFD December 18, 1989 p. 152  
ISSN: 0162-9158  
\*FULL TEXT AVAILABLE IN FORMAT 7 OR 9\* WORD COUNT: 183

... conversion computer during winter CES. This three-in-one handheld reference tool takes room measurements, calculates the area and volume, then determines the exact amount of materials needed to complete a construction or decorating project.

The machine has a suggested retail price of \$99 and is shipping this winter to department, specialty, catalog, hardware and electronic

stores nationwide.  
A built-in ultrasonic...

2/3,K/116 (Item 2 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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02324038  
VOICE MAIL SYSTEM BREAKS PRICE BARRIER; AIMED AT SMALL BUSINESSES  
News Release September 1, 1989 p. 1

... who need professional telephone answering and messaging services. Priced at only two-thirds of the price of competing equipment, the Message Center 2000 uses advanced data storage and manipulation techniques to reduce the size and cost of internal mass storage and computing elements. The result is a system that offers superior call and message handling features at a lower cost than traditional voice mail systems. The Message Center 2000 offers a convenient, accurate, secure and cost-effective means to send and receive individual voice messages for up to 350 users. Each...

2/3,K/117 (Item 3 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01829678  
FRIDEN ALCATEL INTRODUCES PARCEL EXPRESS FOR FASTESTLOW-COST SHIPPING  
News Release November 5, 1987 p. 1

Friden Alcatel, long recognized for technological innovation in shipping, has responded to customer demand by introducing the world's fastest shipping system, the Parcel Express. Friden Alcatel determined in a survey of 1,000 shipping managers responsible for handling low- to medium-volume shipping that these were exactly the characteristics needed by the next generation of manifest systems. The easy-to-operate, low-cost Parcel Express can help turn the shipping department into a profit center. Consisting of a...

2/3,K/118 (Item 4 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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00843434  
White Castle (Columbus, Ohio) is turning to mail order to promote bulk sale of the chain's silver dollar-sized hamburgers.  
Advertising Age November 29, 1982 p. 52MW1

... that will soon begin in the Los Angeles Times will include order blanks for the mail-order hamburgers. Minimum order size and handling charges have yet to be determined. According to G Turley, advertising and PR manager, the company is also considering cable buys to promote the mail-order effort and will set a toll-free telephone number for orders. The cost of mail-order White Castle burgers will remain the same price (\$.28-.30) as prices in the restaurants. The chain's current ads feature stories about...

2/3,K/119 (Item 5 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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00805360

Ginger R. DeMille

while more than 80% of business/industrial marketers use direct response marketing, only about 45% set goals or objectives for their efforts, according to a survey of Industrial Marketing readers.  
Industrial Marketing August, 1982 p. 75,761

... used. The telephone was the most popular response medium, since business/industrial marketers tend to mail small quantities in comparison with consumer marketers. The size of the prospect list is the most important factor used to determine whether to use direct mail. However, product price, the sales channel and the geographic spread of prospects were cited as key factorsP Some...

2/3,K/120 (Item 6 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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00622337  
Recession and high interest rates are encouraging department stores to delay paying suppliers.  
Wall Street Journal 3 Star, Eastern SP Edition February 11, 1981 p. 561

... for minor or even fake reasons. Retailers, however, blame the problems on the suppliers who ship poor goods at the wrong time. As a result of supplier complaints, the FTC is investigating big-volume department stores to determine whether alleged behavior violates price-fixing provisions of federal antitrust law. The agency is specially trying to determine whether Federated...

2/3,K/121 (Item 7 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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00467605  
Vitt Media International forms David R Williams Inc subsidiary.  
Advertising Age December 11, 1978 p. 1481

... brands, indicating relative importance of six major media (TV, radio, newspapers, magazines, outdoor and direct mail); various demographic categories; regions; months; unit size or length; media environment and positioning; and reach vs frequency. 'Value rates' have been assigned to each of these factors to determine the 'gross value points' and 'value points per dollar.' After examining the printouts showing how a given plan would score in cost effectiveness, Williams and the client develop alternate plans to improve efficiency by increasing one medium...

2/3,K/122 (Item 1 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02204556 Supplier Number: 910800117  
Notice of Preliminary Results and Termination in Part of Antidumping Duty Administrative Review: 3.5" Microdisks and Coated Media Thereof From Japan  
Volume: 56 Issue: 148 Page: 36768  
CITATION NUMBER: 56 FR 36768  
Date: THURSDAY, AUGUST 1, 1991

TEXT:  
...to related parties were at or above the prices to unrelated parties and, therefore, were determined to be at arm's length.

Ginger R. DeMille

For comparisons to purchase price sales, we made deductions for loading, inland freight, storage fees, inland insurance and, where appropriate, for ship and debit rebates and volume incentive rebates. We made circumstance of sale adjustments pursuant to 19 CFR 353.56, where...

2/3,K/123 (Item 2 from file: 180)  
DIALOG(R)File 180:Federal Register  
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DIALOG Accession Number: 02197166 Supplier Number: 911101173  
Notice of Final Results and Termination in Part of Antidumping Duty  
Administrative Review: 3.5" Microdisks and Coated Media Thereof From  
Japan  
Volume: 56 Issue: 221 Page: 58040  
CITATION NUMBER: 56 FR 58040  
Date: FRIDAY, NOVEMBER 15, 1991

TEXT:

... to related parties were at or above the price to unrelated parties and, therefore, were determined to be at arm's length.

For comparison to purchase price sales, we made deductions for loading, inland freight, storage fees, inland insurance and, where appropriate, for ship and debit rebates and volume incentive rebates. We made circumstance-of- sale adjustments, where appropriate, for differences in credit and...

2/3,K/124 (Item 3 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02150391 Supplier Number: 890502604  
Department of Labor Regulations Implementing Freedom of Information Act and  
Executive Order 12600  
Volume: 54 Issue: 102 Page: 23142  
CITATION NUMBER: 54 FR 23142  
Date: TUESDAY, MAY 30, 1989

TEXT:

... level. when, however, a record has been withheld pursuant to an exemption which is subsequently determined not to apply and is reviewed again at the appellate level to determine the potential applicability of other exemptions, the costs attendant to such additional review may be assessed.

(4) Mailing cost . Where requests for copies are made by mail, no postage charge will be made for transmitting by regular mail a single copy of the

requested record to the requester, or for mailing additional copies where the total postage cost does not exceed \$1. However, where the volume of page copy or method of transmittal requested is such that transmittal charges to the...

2/3,K/125 (Item 4 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02149875 Supplier Number: 890502088  
Rules of Practice and Procedure Relating to Documentation of Statistical  
and Volume Evidence  
Volume: 54 Issue: 98 Page: 22317  
CITATION NUMBER: 54 FR 22317

Ginger R. DeMille

Date: TUESDAY, MAY 23, 1989

TEXT:

...subclasses to be used in the estimation of its econometric models. These indices are usually calculated as a weighted average of the rates that apply to categories within the subclass. In Docket Nos. R84-1 and R87-1, the Postal Service constructed price indices for every major class and subclass of mail, and used these indices in their econometrics and forecasting.

Billing determinants contain disaggregated volume and revenue information that is representative of the rate categories for each subclass of mail. This level of disaggregation is greater than that provided in the RPW reports.

This disaggregation...

2/3,K/126 (Item 5 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02141289

Supplier Number: 890801242

Amendment to Subpart C of the Rules of Practice and Procedure

Volume: 54 Issue: 156 Page: 33525

CITATION NUMBER: 54 FR 33525

Date: TUESDAY, AUGUST 15, 1989

TEXT:

... is presently examining the feasibility, within the Service's budgetary constraints, of collecting third-class cost data by shape, and possibly by other cost driving factors.

Second, volume data by ounce increment and presort level are necessary to estimate test year bulk third-class revenues. The calculation of third-class revenue is dependent upon the distribution of third-class mail by weight and level of presortation. Provision of current data indicating the distribution of third-class mail volume by ounce increment and presortation level will improve the Commission's ability to develop third ...

2/3,K/127 (Item 6 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02134908

Supplier Number: 891000476

Determination of Fees for Sanitation Inspections of Cruise Ships

Volume: 54 Issue: 192 Page: 41164

CITATION NUMBER: 54 FR 41164

Date: THURSDAY, OCTOBER 5, 1989

TEXT:

... and equitable method of determining the gross tonnage of a vessel for the purpose of calculating fees to be charged for vessel sanitation inspections.

In addition, public comment is requested on...

...proposed method of setting fees for vessels of less than 15,000 GRT. The current size / cost factor is as follows:

Size

Cost factor

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Small ship	<15,000 GRT	Avg. Cost	x 0.5
Medium Ship	15,000-30,000 GRT	Avg. Cost	x 1.0
Large Ship	30,000-65,000 GRT	Avg. Cost	x 1.5
Extra Large Ship	>65,000 GRT	Avg. Cost	x 2.0

There are a number of vessels whose tonnage does not exceed 3...

2/3,K/128 (Item 7 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02134387 Supplier Number: 891102464  
Transfer and Recodification of Regulations Pursuant to Financial  
Institutions Reform, Recovery and Enforcement Act of 1989  
Volume: 54 Issue: 229 Page: 49411  
CITATION NUMBER: 54 FR 49411  
Date: THURSDAY, NOVEMBER 30, 1989

TEXT:  
... said Center's protocol for the printing, overprinting on, insertion  
into, or affixing to penalty mail pursuant to this part.

(3) Remove any photograph or data from circulation through Office penalty  
mail whenever notified by the National Center.

(4) Collect, consolidate, and analyze cost, mail volume, and other  
data related to implementation of this part and submit a report on behalf  
...

2/3,K/129 (Item 8 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02134140 Supplier Number: 891102215  
Determination of Fees for Sanitation Inspections of Cruise Ships  
Volume: 54 Issue: 227 Page: 48942  
CITATION NUMBER: 54 FR 48942  
Date: TUESDAY, NOVEMBER 28, 1989

TEXT:  
... and vessels charged according to their reported GRT as established by  
Lloyd's Registry of Shipping. Another commentor suggested a per ton rate  
so that the charge will vary continuously according to the dimension of  
the ship and not by the categories.

Response: Establishing a denominator is the method used in determining  
the fees to be assessed. The cost per inspection is determined by  
dividing the full cost of the Vessel Sanitation Program by a weighted  
average of...

2/3,K/130 (Item 9 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02080926 Supplier Number: 870703936  
Proposed Collection of Fees for Sanitation Inspections of Cruise Ships  
Volume: 52 Issue: 137 Page: 27060  
CITATION NUMBER: 52 FR 27060  
Date: FRIDAY, JULY 17, 1987

TEXT:  
... part of the Vessel Sanitation Program (VSP), proposed costs for each

Ginger R. DeMille

sanitation inspection have been determined by taking into account salaries, benefits, travel and per diem, supplies, contract services, printing, shipping, average equipment and instrument requirements, and appropriate support costs. These per annum costs have been divided by the estimated number of inspections, multiplied by a factor based on the ship size and estimated number of inspectors required for the inspection, to arrive at a per- ship inspection cost.

Reinspections would involve the same procedures and require the same time as original inspections.

The costs for the full year and the fee/inspection have been calculated as follows:

--Approximate number of ships in the program.....  
.70 --Approximate number of periodic inspections...

2/3,K/131 (Item 10 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02051438 Supplier Number: 860704643  
Guidelines for Official Use of Mail in Location and Recovery of Missing  
Children  
Volume: 51 Issue: 142 Page: 26599  
CITATION NUMBER: 51 FR 26599  
Date: THURSDAY, JULY 24, 1986

TEXT:  
...children information in domestic penalty mail directed to members of the public.

The DHHS, when determined to be cost effective, shall insert, manually and via automated inserts, pictures and biographical data related to missing children on a variety of types of penalty mail. These include:

1. Standard letter- size envelopes (4 1/2 " x 9 1/2 ").
2. Document- size envelopes (9 1/2 " x 12", 9 1/2 " x 11 1/2 ", 10" x...

2/3,K/132 (Item 11 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02008844 Supplier Number: 850903073  
Price Increases for the Code of Federal Regulations and the Weekly  
Compilation of Presidential Documents  
Volume: 50 Issue: 170 Page: 35533  
CITATION NUMBER: 50 FR 35533  
Date: TUESDAY, SEPTEMBER 3, 1985

TEXT:  
... Individual copies of the Code volumes are sold by the Superintendent of Documents at prices determined by the Superintendent under the general direction of the Administrative Committee.

The price of an individual volume in microfiche is \$3.75.

\* \* \* \* \*

(7) Weekly Compilation of Presidential Documents--(i) Nonpriority mailing. Issues will be furnished by mail to subscribers for \$64 in advance to the Superintendent of Documents, Government Printing Office.

(ii...



2/3,K/133 (Item 12 from file: 180)  
DIALOG(R)File 180:Federal Register  
(c) 2006 format only DIALOG. All rts. reserv.

DIALOG Accession Number: 02005342 Supplier Number: 851104641  
Petition of United Parcel Service; Notice and Order Instituting Proceeding  
Volume: 50 Issue: 228 Page: 48664  
CITATION NUMBER: 50 FR 48664  
Date: TUESDAY, NOVEMBER 26, 1985

TEXT:

... the event of change in the method for counting business reply pieces (for purposes of determining postage due), a new cost study for the adjusting of rates.

4. Collection, on a recurring basis, of Express Mail volume distribution by weight and zone. This information is particularly important with regard to pieces paying...

2/3,K/134 (Item 1 from file: 194)  
DIALOG(R)File 194:FBODaily  
(c) format only 2006 Dialog. All rts. reserv.

0388730

MAILROOM OPERATIONS

for the Health Care Financing Administration-Successful offeror will perform following mailroom services: sorting mail and internal correspondence (approx 3 million pieces annual volume ); preparing outgoing special services mail and receiving and accounting for incoming special services mail (approx 13,000 pieces annual volume ); maintaining postal accountability; determining correct office of inadequately addressed mail (approx 240,000 pieces annual volume ); machine folding, inserting, sealing, and opening of mail (approx 240,000 pieces annual volume ); and preparing reports and maintaining records. Offerors are hereby notified that this sol is a part of a cost comparison to determine whether accomplishing the specified work in-house or by contract is more economical. The determination shall be based on the provisions contained in OMB Circular A-76, as amended, and the related cost comparison handbook. Requests for copies of RFP HCFA-84-009/JD must be in writing, cite the RFP number, and be submitted to the designated office within ten calendar days from date of this publication. Tel requests will not be honored. It is anticipated that the RFP will be issued in Sep 1983. See notes 13 and 56. (255)

SPONSOR: U.S. Dept of Health & Human Services, Health Care Financing Admin, Division of Procurement Services, Contract Branch, 6325 Security Blvd, Baltimore, MD 21207

LEGEND: 1

PUBLICATION DATE: SEPTEMBER 16, 1983

for the Health Care Financing Administration-Successful offeror will perform following mailroom services: sorting mail and internal correspondence (approx 3 million pieces annual volume ); preparing outgoing special services mail and receiving and accounting for incoming special services mail (approx 13,000 pieces annual volume ); maintaining postal accountability; determining correct office of inadequately addressed mail (approx 240,000 pieces annual volume ); machine folding, inserting, sealing, and opening of mail (approx 240,000 pieces annual volume ); and preparing reports and maintaining records. Offerors are hereby notified that this sol is a part of a cost comparison to determine whether accomplishing the specified work in-house or by contract is more economical. The determination...

... based on the provisions contained in OMB Circular A-76, as amended, and

the related cost comparison handbook. Requests for copies of RFP HCFA-84-009/JD must be in writing...

2/3,K/135 (Item 1 from file: 240)  
DIALOG(R)File 240:PAPERCHEM  
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

00279492 PAPERCHM NO: AB6102361  
Computerized Load Planning for Railcar Shipments of Large [Paper] Rolls  
Haessler, R. W.  
AUTHOR AFFILIATION: Haessler, R. W. (University of Michigan, School of  
Business. (Ann Arbor: MI: United States)).  
SOURCE: Tappi J. 73, no. 4: 151-154 (April 1990). [Engl.]

... obtain the number of available floor spots on a railcar in order to  
optimize the volume capacity. The procedure can be run at order entry  
time to determine the mix of railcars that minimizes the total shipping  
cost or at the time of shipment to reassign rolls to different cars. It  
can also determine the effect of changing roll widths on freight costs.  
By making maximum use of available...

2/3,K/136 (Item 1 from file: 247)  
DIALOG(R)File 247:ONTAP(R) Gale Group Magazine Index(TM)  
(c) 1999 The Gale Group. All rts. reserv.

03091815 SUPPLIER NUMBER: 06448316 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
If at first you do succeed.  
Berney, Karen  
Nation's Business, v76, n6, p14(5)  
June, 1988  
CODEN: NBUSA ISSN: 0028-047X LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 3036 LINE COUNT: 00231

... an integrated accounting package onto one computer floppy disk and  
priced it at \$50 -- the price that Howe calculated would generate  
enough volume to turn a profit. Then, using direct mail, he had  
targeted Dac-Easy to price-sensitive small businesses.  
Underlying the product's development had been Dac's unique approach  
to...

2/3,K/137 (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2006 Pira International. All rts. reserv.

00069607 Pira Acc. Num.: 3290468 Pira Abstract Numbers: 22-80-00468  
Title: NEW OFFICE TECHNOLOGY  
Authors: Crofts D J  
Source: OFFICE EQUIPMENT NEWS Jan 1980 pp 32-33  
Publication Year: 1980  
Document Type: Journal Article  
Language: unspecified

...Abstract: to become desktop office equipment are discussed. The  
incorporation of silicon chips has dramatically reduced cost and size  
and increased capacity. Future developments envisaged in the 1980s  
include:- battery-operated electronic calculators; intelligent  
photocopiers and telephone systems; the linking of word processors to  
computers; electronic mail; electronic funds transfer; and specially  
designed work stations. ways of linking multiple, multinational sites by...

2/3,K/138 (Item 2 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2006 Pira International. All rts. reserv.

00042535 Pira Acc. Num.: 1531880 Pira Abstract Numbers: 03-77-01880  
Title: CONSOLIDATION ROUTINES GENERATED BY COMPUTERS SHOW POTENTIAL  
CUSTOMER SAVINGS IN MILLION DOLLARS  
Authors: Shulman J J  
Source: PAP. BD PACKAG. vol 62 no 3 Mar 1977 pp 22 24 26 28 32  
Publication Year: 1977  
Document Type: Journal Article  
Language: unspecified

...Abstract: most efficient utilisation of pallet deck and warehouse space; (ii) creates pallet patterns together with shipping vehicle loading instructions at minimum freight cost ; (iii) determines product arrangement within a shipping container to effect the lowest cost ; and (iv) establishes product/package dimensions when only the volume of the product is known, considering various packaging and materials handling constraints. Each of these...

2/3,K/139 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01462257 SUPPLIER NUMBER: 11494266 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Catalog company improves operating efficiency with on-line fulfillment system. (Campmor Inc.'s on-line catalog system) (Focus on Users) (Brief Article)  
SuperGroup Magazine, v11, n5, p22(1)  
Sept-Oct, 1991  
DOCUMENT TYPE: Brief Article ISSN: 1043-2418 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 662 LINE COUNT: 00053

... new orders. Tracking order information also helps Campmor maintain more efficient mailing lists-a major cost savings in the mail -order business.

Tracking sales relative to advertisements helps Campmor determine whether to increase or decrease an advertisement's size or change its placement in the catalog to obtain more cost -effective results.

Warehouse operations have been optimized by selectively grouping orders and implementing a bar...

2/3,K/140 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01386067 SUPPLIER NUMBER: 09671339 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Corporate currency: PC purchase orders for business. (includes related article on establishing a purchase-order account) (Special Report)  
Grotta, Daniel  
PC Sources, v1, n11, p211(4)  
Nov, 1990  
ISSN: 1052-6579 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2961 LINE COUNT: 00223

... and will be shipped regular UPS to Zone 8. But in other instances, especially with volume purchases that may go motor freight, the total can't be calculated until shipping time. If that's the case, you have to leave the dollar amount for shipping blank on the PO. The vendor can fill in the correct amount later, but only after letting you know what the cost is.

Every purchase order should spell out the agreed-upon payment terms.  
Net 15 and...

2/3,K/141 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01322490 SUPPLIER NUMBER: 07873216 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Ashton-Tate beefs up application software. (product announcement)  
Quinlan, Tom  
MIS Week, v10, n44, p10(1)  
Nov 6, 1989  
DOCUMENT TYPE: product announcement ISSN: 0199-8838 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 531 LINE COUNT: 00042

... Walter Feigenson, director of special projects for the new  
Applications Division.  
With a \$129 list price, Control Room, which will ship in the  
first quarter, will allow users in a local area network of unlimited size  
to determine such factors as how many computers are on a network, the  
type of microprocessors, available...

2/3,K/142 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01260534 SUPPLIER NUMBER: 07149843 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Research and promotion: what, how and when to do it. (column)  
Marken, Andy G. A.  
Computer & Software News, v6, n47, p12(1)  
Nov 21, 1988  
DOCUMENT TYPE: column ISSN: 0745-5291 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1183 LINE COUNT: 00094

... attracted;  
9) What customers will visit a store or if promos are more conducive  
to mail or phone orders.  
Regardless of the size, an organization should continually analyze  
sales records to determine customer preference in items, models and  
price lines, as well as primary and add-on sale items. This is the most  
reliable...

2/3,K/143 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01210053 SUPPLIER NUMBER: 06014656 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
A mail service expressly for business. (A large company's mail service use  
of Express Mail)  
Fernberg, Patricia M.  
Modern Office Technology, v32, n5, p68(2)  
May, 1987  
ISSN: 0746-3839 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1311 LINE COUNT: 00103

... three days,' Forsythe recalls. That discovery led to a  
country-by-country re-evaluation of mail service. Clearly, Intergraph  
needed a new mail system.  
The Brazilian office presented the most problems in cost control  
and volume. Forsythe and her two assistants dug into the mail,

carefully weighing and computing the per-half-ounce postage rate for each piece. "If you looked at the rate...

2/3,K/144 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01177063 SUPPLIER NUMBER: 04254805 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Prices erode in crowded AT-compatibles market.  
Stephen, Bruce  
PC Week, v3, n21, p97(3)  
May 27, 1986  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1275 LINE COUNT: 00099

... their marketing strategy and advertising budgets consist solely of advertisements in computer trade publications.

The mail -order houses say they are selling their low-priced AT compatibles to small businesses, retailers, systems integrators and hobbyists. Volume sales to large corporations have eluded mail -order houses. Corporate computing officials say they don't want to risk compatibility, service and support problems from unestablished computer makers just to pay less for an AT compatible.

Increasingly, the price of AT-Compatible knock-offs fully loaded with a hard disk is near the \$2...

2/3,K/145 (Item 1 from file: 292)  
DIALOG(R)File 292:GEOBASE(TM)  
(c) 2006 Elsevier B.V. All rts. reserv.

00470830 SUPPLIER NO. 0894065  
Economic analysis in port planning by computer simulation  
Ergin A.; Yalciner A.C.  
ADDRESS: Middle East Technical Univ., Civil Eng. Dept., Coastal & Harbor  
Eng. Res. Center, Ankara, Turkey  
Doga, Turkish Journal of Engineering & Environmental Sciences, 15/3  
(247-258), 1991  
DOCUMENT TYPE: Journal  
LANGUAGES: English

...construction of new ports or extension of existing ones and in relation to this enormous dimension of port investments become necessary. The optimum port size can be determined by computer simulation. Total cost is the sum of cost of quay structure and cargo handling equipment and cost of waiting time of the ships. In determining optimum port size , ship arrivals, service time and queuing discipline should be defined statistically for the best economical theoretical...

2/3,K/146 (Item 1 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2006 IFI/CLAIMS(R). All rts. reserv.

1533986 2427807  
E/FUEL MANAGEMENT CONTROL SYSTEM; METHOD FOR MINIMIZING THE COSTS DURING A TRIP  
Inventors: TEASS GARNETTE S (US); TEASS HORACE A JR (US)  
Assignee: UNASSIGNED OR ASSIGNED TO INDIVIDUAL  
Assignee Code: 68000  
Attorney, Agent or Firm: Peck & Peck

Publication Number	Kind	Date	Application Number	Date
-----------------------	------	------	-----------------------	------

-----  
 US 4459671 A 19840710 US 81316744 19811030  
 (Cited in 008 later patents)  
 Priority Applic: US 81316744 19811030  
 Calculated Expiration: 20011030

Abstract: ...incurred substantially only due to fuel usage. The rotational speed and torque parameters of the ship propeller shaft are measured and utilized to derive an expression for shaft horsepower in terms of these parameters. The variable cost function is derived from the horsepower function, fuel factor, unit volume fuel cost and voyage distance for various ship speeds. The fixed cost function is determined on the basis of voyage time for the various speeds, loading time and total annual costs for maintaining the ship per unit of time. The ship throttle is controlled to operate at the speed at which the total fixed and variable...

2/3,K/147 (Item 1 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
 (c) 2006 The Thomson Corporation. All rts. reserv.

0002691761

WPI ACC NO: 1983-724909/

Speed control system for cargo ship - measures angular velocity and torque of drive shaft and controls throttle to minimise operating cost

Patent Assignee: TEASS G S (TEAS-I)

Inventor: TEASS G S; TEASS H A

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
GB 2113424	A	19830803	GB 198230941	A	19821029	198331	B
US 4459671	A	19840710	US 1981316744	A	19811030	198430	E
GB 2113424	B	19860806				198632	E

Priority Applications (no., kind, date): US 1981316744 A 19811030

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
GB 2113424	A	EN	9	1	

Alerting Abstract ...The variable cost function is derived from the horsepower function, fuel factor, unit volume fuel cost and voyage distance for various ship speeds. The fixed cost function is determined on the basis of voyage time for the various speeds, loading time and total annula costs for maintaining the ship per unit of time. The ship throttle is controlled to operate at the speed at which the total fixed and variable...

Equivalent Alerting Abstract ...The variable cost function is derived from the horsepower function, fuel factor, unit volume fuel cost and voyage distance for various ship speeds. The fixed cost function is determined on the basis of voyage time for the various speeds, loading time and total annual costs for maintaining the ship per unit of time. The ship throttle is controlled to operate at the speed at which the total fixed and variable...

#### Original Publication Data by Authority

#### Original Abstracts:

...incurred substantially only due to fuel usage. The rotational speed and torque parameters of the ship propeller shaft are measured and utilized to derive an expression for shaft horsepower in terms of these parameters. The variable cost function is derived from the horsepower function, fuel factor, unit volume fuel cost and voyage distance for various ship

speeds. The fixed cost function is determined on the basis of voyage time for the various speeds, loading time and total annual costs for maintaining the ship per unit of time. The ship throttle is controlled to operate at the speed at which the total fixed and variable...

2/3,K/148 (Item 1 from file: 471)  
DIALOG(R)File 471:New York Times Fulltext  
(c) 2006 The New York Times. All rts. reserv.

00427310 NYT Sequence Number: 185369820930 (USE FORMAT 7 FOR FULLTEXT)  
SHOPPING FOR BRITISH ANTIQUES BY COMPUTER  
Special to the New York Times  
New York Times, Late City Final Edition ED, COL 1, P 7  
Thursday September 30 1982  
DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext  
SECTION HEADING: SECTC  
Word Count: 662

... to give people the chance to make comparisons and to get a sense for the size of the quarry. We can help with price comparisons and save weekend after weekend of hunting."

Each day Compute -Antique receives about 300 inquiries, half by telephone and half by mail and most from Britons and Americans, for antiques that might be as bizarre as they...

2/3,K/149 (Item 1 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2006 Financial Times Ltd. All rts. reserv.

0002516162 B0CBZBAAEJFT  
UK Company News: Bids and Deals In Brief - Bellman Computing  
Financial Times, P 25  
Thursday, February 23, 1984  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 79

TEXT:

...servicing the north west data processing industry. Mentor Franklin will now be known at Bellman Computing and the Manchester site is being expanded, new equipment installed and 40 vacancies have been registered. Bellmans is engaged in high volume low cost data preparation, file creation, mail list computerisation and management, laser printing and data processing contract staff recruitment.

2/3,K/150 (Item 1 from file: 494)  
DIALOG(R)File 494:St LouisPost-Dispatch  
(c) 2006 St Louis Post-Dispatch. All rts. reserv.

06004463  
STAMPS TO GO TO 29 CENTS  
ST. LOUIS POST DISPATCH (SL) - WEDNESDAY January 23, 1991  
By: Tom Uhlenbrock  
Of the Post-Dispatch Staff  
Edition: FIVE STAR Section: NEWS Page: 1A  
Word Count: 882

... million a day in lost revenue that we sorely need after three years of no price increases," Frank said.

He said the governors believed that the commission's calculations of mail volume might prove incorrect and thus provide too little income to make the Postal Service break...

2/3,K/151 (Item 1 from file: 541)  
DIALOG(R)File 541:SEC Online(TM) Annual Repts  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0361168  
AMERISCRIBE CORP - 1990 Annual Report

Publication Date: 12/31/90

TEXT:  
...copies made in this  
country.

AMS assumes responsibility for a client's duplicating (and/or mail room, messenger and facsimile) operations, including personnel and equipment. We contract to provide these services at the office site, at a cost per copy determined by the client's work volume and its needs for quality and speed of turnaround. The use of our services allows a client to convert a fixed cost into a variable cost. The client derives cost efficiencies from bulk purchasing, shared administrative costs, better equipment utilization, improved employee training and productivity...

2/3,K/152 (Item 2 from file: 541)  
DIALOG(R)File 541:SEC Online(TM) Annual Repts  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0251679  
ENTERTAINMENT MARKETING INC - 1990 Annual Report

Publication Date: 01/31/90

TEXT:  
...figure to our competitors'  
performances, and we think you'll be pleased.)

Improve gross margin

Volume counts little if one doesn't sell at a price that allows a reasonable profit. We have spent many hours this year determining our true costs of shipping and processing orders. As a result of this analysis, we have set minimum profit standards...

2/3,K/153 (Item 1 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0698418  
INTERPHASE CORP - 1991 10K Report

Publication Date: 10/31/91

TEXT:  
...into written agreements  
specifying, among other items standard in commercial agreements, product specifications, failure rates, shipping requirements, shipment rescheduling terms, price / volume schedules and manufacturer warranties. Substantially all of these agreements do not contain determinable purchase commitments of the customers, providing instead that actual purchase and shipments of products be...



2/3,K/154 (Item 2 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0492108  
KOALA TECHNOLOGIES CORP - 1990 10K-A1 Report

Publication Date: 06/30/90

TEXT:

...is a polyethylene derived from natural gas, resin price is not directly related to the price for petrochemicals nor subject to the fluctuations experienced by the petroleum industry.

Competition for RMI's products is governed by geography and region, since large capacity tanks are expensive to ship long distances. Competition in a geographic region is determined by the number and the size of a region's roto-molding businesses. RMI is not subject to large fluctuations due...

2/3,K/155 (Item 3 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0463378  
KOALA TECHNOLOGIES CORP - 1990 10K Report

Publication Date: 06/30/90

TEXT:

...is a polyethylene derived from natural gas, resin price is not directly related to the price for petrochemicals nor subject to the fluctuations experienced by the petroleum industry.

Competition for RMI's products is governed by geography and region, since large capacity tanks are expensive to ship long distances. Competition in a geographic region is determined by the number and the size of a region's roto-molding businesses. RMI is not subject to large fluctuations due...

2/3,K/156 (Item 4 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0323700  
AIRBORNE FREIGHT CORP - 1989 10K Report

Publication Date: 12/31/89

TEXT:

...The Company believes that it is competitive with other express carriers in terms of reliability, price and customer value-added services.

For many of its high volume customers, the Company offers a metering device installed at the customers' place of business called LIBRA II. With minimum data entry the metering device weighs the package, calculates the shipping charges, generates the shipping labels and provides a daily shipping report. The system currently serves approximately 1,875 domestic customers and will be made available to selected international customers in 1990. Converting volume shippers to

LIBRA II not only benefits the shipper directly, but also lowers the Company...

2/3,K/157 (Item 5 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0267108  
KOALA TECHNOLOGIES CORP - 1989 10K Report

Publication Date: 06/30/89

TEXT:

...is a polyethylene derived from natural gas, the resin price is directly related to the price for petrochemicals and subject to the price and other fluctuations experienced by the petroleum and natural gas industries.

Competition for RMI's products is governed by geography and region, since large volume tanks are expensive to ship long distances. Competition in a geographic region is determined by the number of roto-molding businesses and the size and capacity of each roto-molder and its machinery. RMI is not subject to large...

2/3,K/158 (Item 6 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0239168  
PENTRON CORP - 1988 10K-A2 Report

Publication Date: 06/30/88

TEXT:

...is a polyethylene derived from natural gas, the resin price is directly related to the price for petrochemicals and subject to the price and other fluctuations experienced by the petroleum industry.

Competition for the Group's products is governed by geography and region, since large volume tanks are expensive to ship long distances. Competition in a geographic region is determined by the number of roto-molding businesses and the size and capacity of each roto-molder and its machinery. RMI is not subject to large...

2/3,K/159 (Item 7 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0198206  
AIRBORNE FREIGHT CORP - 1988 10K Report

Publication Date: 12/31/88

TEXT:

...The Company believes that it is competitive with other express carriers in terms of reliability, price and customer value-added services.

For many of its high volume customers, the Company offers a metering device installed at the customers' place of business called LIBRA II. With minimum data entry the metering device weighs the package,

Ginger R. DeMille

calculates the shipping charges, generates the shipping labels and provides a daily shipping report. During 1988 the Company...

2/3,K/160 (Item 8 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0150241  
PENTRON CORP - 1988 10K Report

Publication Date: 06/30/88

TEXT:

...is  
a polyethylene derived from natural gas, the resin price is directly related to the price for petrochemicals and subject to the price and other fluctuations experienced by the petroleum industry.

Competition for the Group's products is governed by geography and region, since large volume tanks are expensive to ship long distances. Competition in a geographic region is determined by the number of roto-molding businesses and the size and capacity of each roto-molder and its machinery. RMI is not subject to large...

2/3,K/161 (Item 9 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0147640  
PENTRON CORP - 1988 10K-A1 Report

Publication Date: 06/30/88

TEXT:

...is  
a polyethylene derived from natural gas, the resin price is directly related to the price for petrochemicals and subject to the price and other fluctuations experienced by the petroleum industry.

Competition for the Group's products is governed by geography and region, since large volume tanks are expensive to ship long distances. Competition in a geographic region is determined by the number of roto-molding businesses and the size and capacity of each roto-molder and its machinery. RMI is not subject to large...

2/3,K/162 (Item 10 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0073940  
AIRBORNE FREIGHT CORP - 1987 10K Report

Publication Date: 12/31/87

TEXT:

...5]

valuable management information. The Company believes that it is competitive in terms of reliability, price and customer value-added services.

Ginger R. DeMille

For many high volume customers, the Company offers a metering device called LIBRA II. With minimum data entry the metering device weighs the package, calculates the shipping charges, generates the shipping labels and provides a daily shipping report. In 1987 two major software releases upgraded the LIBRA II to a point where...

2/3,K/163 (Item 1 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks . All rts. reserv.

02027783  
Birmingham Steel - Company Report  
C. J. LAWRENCE, MORGAN GRENFELL INC.  
Mazzaferro, A.J., Jr.  
NEW YORK

DATE: August 22, 91  
INVESTEXT(tm) REPORT NUMBER: 1136207, PAGE 5 OF 5, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...underlying improvement in operating efficiency.

5. The June-quarter results showed slightly better-than-expected shipping volume (including 20,000 tons of billet sales), and rebar prices in the Northeast were higher for the first time in several quarters. This lack of determination in shipments could be the first signs of a bottom year-to-year comparisons are becoming less negative overall. The uptick in price was a surprise to us, and probably is testimony to New Jersey Steel's (OTC...

2/3,K/164 (Item 2 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks . All rts. reserv.

01813094  
Horn & Hardart - Company Report  
PRUDENTIAL SECURITIES INC.  
Baker, L.M.  
NEW YORK

DATE: March 28, 91  
INVESTEXT(tm) REPORT NUMBER: 1112345, PAGE 1 OF 2, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...include some heavier items such as tables and shelves. These items, of course, carry higher shipping expenses. The mailing expenses paid by consumers are determined by the price of the order, not the size or weight of the items ordered.

The Company Is Reviewing Several Financial Alternatives

Horn & Hardart...

2/3,K/165 (Item 3 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks . All rts. reserv.

01678438  
Compaq Computer Corp. - Company Report  
BEAR, STEARNS & CO., INC.  
Neff, A.J.  
NEW YORK

DATE: November 15, 90  
INVESTEXT(tm) REPORT NUMBER: 1042965, PAGE 2 OF 7, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...our view, the  
file-server market will rapidly consolidate to a few brand names since  
price will be less of a determining factor than reliability at the high  
end.

At the other end of the spectrum in size , Compaq began shipping  
its notebook LTE 386/20 on October 29. while several other companies  
will have competitive...

2/3,K/166 (Item 4 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks . All rts. reserv.

01640460  
Compaq Computer - Research Highlights Company Report  
BEAR, STEARNS & CO., INC.  
Neff, A.J.  
NEW YORK

DATE: November 2, 90  
INVESTEXT(tm) REPORT NUMBER: 1039301, PAGE 2 OF 8, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...our view, the  
file-server market will rapidly consolidate to a few brand names since  
price will be less of a determining factor than reliability at the high  
end.

At the other end of the spectrum in size , Compaq began shipping  
its notebook LTE 386/20 on October 29. while several other companies  
will have competitive...

2/3,K/167 (Item 5 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks . All rts. reserv.

01174120  
Digital Equipment Corporation - Company Report  
SANFORD C. BERNSTEIN & CO., INC.  
Willman, B.F., et al  
NEW YORK

DATE: March 2, 90  
INVESTEXT(tm) REPORT NUMBER: 954876, PAGE 2 OF 6, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

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...orders added the significant leverage we had been expecting due to a high average selling price. However, since the VAX 9000 is not expected to ship in meaningful volume before fiscal 1991, near term results are likely to continue under pressure. The February survey, due in about two weeks, will enable us to determine if our strong expectations regarding March quarter orders remain valid.

VAX 9000 update  
The VAX...

2/3,K/168 (Item 6 from file: 545)  
DIALOG(R)File 545:Investext(R)  
(c) 2006 Thomson Financial Networks. All rts. reserv.

00081621  
Tobacco Outlook  
KIDDER, PEABODY & COMPANY, INCORPORATED  
Roy D. Burry, Kevin R. McCarey  
NEW YORK

DATE: December 19, 83  
INVESTEXT(tm) REPORT NUMBER: 400300, PAGE 7 OF 24, TEXT PAGE  
This is a(n) INDUSTRY report.

TEXT:

...during the initial three months of 1983. In addition, inventory fluctuations resulting from manufacturer's price increases and shipping day differentials will continue to affect industry volume comparisons. As in 1983, therefore, analysis of volume trends and adjustment of available data will remain necessary to eliminate distortions and determine near-term consumption patterns.  
Throughout the 1970s and early 1980s domestic consumption of cigarettes moved...

2/3,K/169 (Item 1 from file: 553)  
DIALOG(R)File 553:Wilson Bus. Abs.  
(c) 2006 The HW Wilson Co. All rts. reserv.

02045886 H.W. WILSON RECORD NUMBER: BWBA91045886  
Private-fleet operators adapting to recession.  
AUGMENTED TITLE: 3d annual conference, New Orleans  
MacDonald, Mitchell E  
Traffic Management (Traffic Manage) v. 30 (May '91) p. 18+  
LANGUAGE: English

...ABSTRACT: Gene Bergoffen noted that successful private fleets are cutting back on operations to match fleet size with reduced shipping needs. Industry consultant Warren Ross warned fleet managers to make their operations lean and cost-effective and urged them to determine when outsourcing might be a productive option for their companies.

2/3,K/170 (Item 1 from file: 587)  
DIALOG(R)File 587:Jane's Defense&Aerospace  
(c) 2006 Jane's Information Group. All rts. reserv.

00333049 Word Count:03679  
Combat System Integration in the US Navy  
INTERNATIONAL DEFENSE REVIEW (IDR) JANUARY 1, 1986 p. 31 v.019 no. 001  
By: Thomas E. Burt

...The availability of the existing DD-963 hull, with its unused growth

margins, and the cost constraints on ship size, determined the issue.  
The Aegis ship was to be a modified DD-963 platform. This effort became the DDG-47 (later...

2/3,K/171 (Item 1 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2006 Knight Ridder/Tribune Bus News. All rts. reserv.

06624569 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
(B) OPINION: Why Internet Profits Remain Elusive  
January ,  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 859

...TEXT: Our e-commerce survey of 48 of the Fortune 500 found only 30 percent believe price is critical.  
In our experience, price -focused Internet marketing is rarely cost - effective. The economics of setting up a site, maintaining it, shipping merchandise and handling orders generally will not support a low volume of low-end transactions.  
On-line merchants need to develop a break-even formula similar to the dollars per square foot calculation used by the Wal-Marts of the world. What brick and mortar are to stores...

2/3,K/172 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2006 The Gale Group. All rts. reserv.

01102384 Supplier Number: 40719382 (USE FORMAT 7 FOR FULLTEXT)  
KOH-I-NOOR RAPIDOGRAPH OPENS NEW 75,000 SQUARE FOOT WAREHOUSE AND DISTRIBUTION CENTER  
News Release, p1  
March 17, 1989  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 354

... orders via a  
fully computerized system that locates products ordered from inventory and directs the shipping box to the location of the selected products. The order entry procedure determines the size and shape of the shipping box.

The new Warehouse and Distribution Center, which also incorporates Quality Control, is the final phase of a four-phase program. At a cost of more than \$6.5 million, the Kon-I-Noor modernization program is designed to...

2/3,K/173 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2006 The Gale Group. All rts. reserv.

01097811 Supplier Number: 40661236 (USE FORMAT 7 FOR FULLTEXT)  
SEQUENT AND UNISYS SIGN OEM AGREEMENT; ESTIMATED VALUE TO SEQUENT IS \$250 MILLION OVER FIVE YEARS  
News Release, p1  
Jan 31, 1989  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 561

... the airline and communications industries. At the same time, Unisys benefits from a high-quality, cost-effective computing solution that addresses the issues of productivity and compatible growth facing users today."

Sequent began shipping systems to Unisys for internal use in late 1988. Volume deliveries of Sequent products, to be integrated into Unisys' end-user systems, will begin in...

2/3,K/174 (Item 1 from file: 631)  
DIALOG(R)File 631:Boston Globe  
(c) 2006 Boston Globe. All rts. reserv.

03269931  
PRODUCTIVITY PROBLEMS PLAGUE BATH BITTERNESS REMAINS AFTER THE STRIKE  
BOSTON GLOBE (BG) - WEDNESDAY December 10, 1986  
By: John Milne, Globe Staff  
Edition: THIRD Section: BUSINESS Page: 89  
Word Count: 512

... million apiece and a guided missile destroyer valued at \$322 million that is the lead ship of its class -- are behind schedule and over cost

Both Bath and the Navy said they couldn't calculate the size of the overrun and were negotiating to assess responsibility. Defense week, a usually reliable industry...

2/3,K/175 (Item 2 from file: 631)  
DIALOG(R)File 631:Boston Globe  
(c) 2006 Boston Globe. All rts. reserv.

01615854  
RO---, RO---, ROTOR YOUR BOAT  
BOSTON GLOBE (BG) - SATURDAY September 17, 1983  
By: Steve Marantz Globe Staff  
Edition: N Section: RUN OF PAPER  
Word Count: 489

...do the job."

Bergeson and David Frantz, owner of the Tracker, have yet to precisely calculate how much fuel the rotor can save. But figuring an installation cost of \$15,000, Bergeson thinks the savings could be considerable.

"It will vary with the size of the ship," said Bergeson. "Generally the bigger the ship the less the percentage of fuel saved. But...

2/3,K/176 (Item 3 from file: 631)  
DIALOG(R)File 631:Boston Globe  
(c) 2006 Boston Globe. All rts. reserv.

00634315  
CONSUMERS / ASK THE GLOBE  
BOSTON GLOBE (BG) - MONDAY August 24, 1981  
Edition: FIRST Section: ECONOMY  
Word Count: 99

... seek will be in "The Rules and Regulations for the Architectural Barriers Board," CMR 521, volume 14. It is obtainable at the State House Bookstore. Or you can telephone 727-3824 to determine the cost, then



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send a letter and check to receive it by mail . SHEA ;07/31,09:41  
DRISC;08/25,15: B07889797

2/3,k/177 (Item 1 from file: 633)  
DIALOG(R)File 633:Phil.Inquirer  
(c) 2006 Philadelphia Newspapers Inc. All rts. reserv.

02595298  
NAVIGATING TIDE OF CHANGE  
PHILADELPHIA INQUIRER (PI) - FRIDAY May 11, 1984  
By: Robert R. Frump, Inquirer Staff Writer  
Edition: FINAL Section: BUSINESS Page: C09  
Word Count: 1,254

... said he would not comment on salary because members consider it a private matter.

The cost of trips are calculated on a formula based on a ship's size . An oceangoing vessel of average size can expect to pay about \$1,500 for the privilege of having an expert pilot...

2/3,k/178 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0258343 92-04610  
Roadway to Build New Package Hub on Mocks Landing Site  
Marks, Anita  
The Business Journal-Portland (Portland, OR, US), V8 N41 s1 p1  
PUBL DATE: 911209  
WORD COUNT: 762  
DATELINE: Portland, OR, US

TEXT:

...good candidate for in-bound shipping would be a retail client who receives a high volume of goods, but from many sources, he said. As an in-bound shipper, the retailer would have all its sources ship via RPS. Rather than determining how much to reimburse each shipper for freight costs, the retailer receives a single bill.

The savings from overbillings and reduced administrative cost of tracking shipping invoices have made in-bound shipping --and RPS--extremely popular, said Schlesinger.

2/3,k/179 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0224559 91-47497  
The Electronic Link  
Weinlaub, Reva  
Business in Palm Beach County (Ft Lauderdale, FL, V2 N1 s1 p6  
PUBL DATE: 910600  
WORD COUNT: 3,449  
DATELINE: US

TEXT:

...Pagers now in use have features such as numeric display, tone, voice or vibrator, with cost and usage determining the best pager for your needs.

For security and privacy, many people still prefer digital pagers. Voice mail, has added still another dimension to pagers. "Your pager can alert you that you have a

2/3,K/180 (Item 3 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0114697 89-38657  
Plans to Port Adobe Illustrator to Digital Platform Announced  
Hansen, Brenda  
Business Wire (San Francisco, CA, US) s1 p1  
PUBL DATE: 891101  
WORD COUNT: 287  
DATELINE: Mountain View, CA, US

TEXT:

...PostScript, combined with the power of the ULTRIX operating environment, gives users an entirely new dimension of computing and creating power."

Adobe Illustrator, first developed in 1987, was the first PostScript software-based drawing package made available for the personal computing environment. It is currently available for the Macintosh and IBM PC computing platforms. Cost and shipping dates for a Digital-based Adobe Illustrator product will be announced at a later date...

2/3,K/181 (Item 4 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0083303 89-06963  
Sequent and Unisys Sign OEM Agreement; Estimated Value to Sequent Is \$250 Million Over 5 Years  
Trainer, Bill; Kimball, Grant; Adams, Wayne; Lubetkin, Steven; Grecco, Julie  
Business Wire (San Francisco, CA, US) s1 p1  
PUBL DATE: 890131  
WORD COUNT: 489  
DATELINE: Beaverton, OR, US

TEXT:

...the airline and communications industries. At the same time, Unisys benefits from a high-quality, cost-effective computing solution that addresses the issues of productivity and compatible growth facing users today."

Sequent began shipping systems to Unisys for internal use in late 1988. Volume deliveries of Sequent products, to be integrated into Unisys' end-user systems, will begin in...

2/3,K/182 (Item 5 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0068647 88-26866  
The Three-Second Sales Pitch  
Steele, Allen M.  
Business Worcester (Worcester, MA, US), V7 N15 s1 p21

PUBL DATE: 880919  
WORD COUNT: 2,979  
DATELINE: Northboro, MA, US

TEXT:

...private conference room, projection screens and a miniature golf course. On average, Harrington says, the cost for a booth is approximately \$1,000 per linear foot, including carpeting, lighting, and crating; thus a 10-foot booth will cost \$10,000 dollars. As well, other costs -- shipping of the booth, sending company personnel to the show, hotel bills, food and phone, et cetera -- should be determined before a commitment is made.

The size of the booth is largely determined by the company's objectives, as well as its budget. Does your company want to...

2/3,K/183 (Item 6 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0041747 87-20465  
Awards to Be Presented November 12  
Anonymous  
Jackson Journal of Business (Jackson, MS, US), V4 N6 s1 p8  
PUBL DATE: 871100  
WORD COUNT: 1,391  
DATELINE: Jackson, MS, US

TEXT:

...in the state.

DMCS operates nationally, mailing some of three to four MILLION pieces of mail per month for a sales volume (not counting postage) of over \$3.5 million per year.

Using a combination of marketing research, computer analysis, and direct mail techniques, this firm can determine a client's best market use, demographic data to select specific target recipients, analyze an effective cost per piece, design the piece, produce it, combine it with stuffing material if desired, mail it, and analyze the marketing program's effectiveness.

During its first two years, DMCS added...

2/3,K/184 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01485194 Supplier Number: 42063196 (USE FORMAT 7 FOR FULLTEXT)  
Kuwait's Direct Oil Marketing Background  
APS Review Gas Market Trends, v36, n17, pN/A  
May 6, 1991  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 647

... awarded BP and Gulf as payment for technical advice, additional remuneration for past services, preference shipping in Kuwait tankers, purchase of bunker fuel, and a special volume discount.

A stipulation that Kuwait determine the price of oil purchased under the phase-out provision was included in the Gulf-BP contract...

2/3,K/185 (Item 1 from file: 637)  
DIALOG(R)File 637:Journal of Commerce  
(c) 2006 Commonwealth Bus. Media. All rts. reserv.

**Export Opportunities**

JOURNAL OF COMMERCE (JC) - March 08, 1991  
By: Information Supplied by the U.S. Dept. of Commerce  
Edition: Five Star Section: TRADE Page: 12A  
Word Count: 4123

... carts giving customers a chance to keep track of shopping prices.  
Quantity: approx. 5,000 calculators /year. Value: approx. \$3 to \$5 each.  
Purchase needed by: August 1991. Estimated annual volume : 20,000 units.  
Payment terms: l/c. Shipping terms: fob. Response language: English by  
mail /fax. Direct supplier only. Information desired from U.S. firm:  
price , quality, possible information on how well the product is sold in  
the United States. Intent...

2/3,K/186 (Item 2 from file: 637)  
DIALOG(R)File 637:Journal of Commerce  
(c) 2006 Commonwealth Bus. Media. All rts. reserv.

**ZIM PRESIDENT FORESEES DEMAND OVERTAKING CONTAINER CAPACITY**

JOURNAL OF COMMERCE (JC) - FRIDAY October 7, 1988  
By: JON JACOBS Journal of Commerce Staff  
Edition: FIVE STAR Section: MARITIME Page: 3B  
Word Count: 623

... containerships are more fuel-efficient and provide more usable cargo  
space than ships of similar size built elsewhere, he said. Zim engineers  
calculated that the resulting improvement in performance is equivalent to  
saving 8 percent to 10 percent off the price of each newly built ship .

The four containerships Zim has ordered and the three it plans to order  
will replace...

2/3,K/187 (Item 3 from file: 637)  
DIALOG(R)File 637:Journal of Commerce  
(c) 2006 Commonwealth Bus. Media. All rts. reserv.

**NEW SWEDISH LINE TO BUY NINE SHIPS**

JOURNAL OF COMMERCE (JC) - FRIDAY March 18, 1988  
By: MIKE TAYLOR Journal of Commerce Special  
Edition: FIVE STAR Section: MARITIME Page: 3B  
Word Count: 542

...that will keep costs down to a reasonable level.

We have reached agreement about the size of crews and new routines to  
be introduced on board, he said.

SSC base their calculations on a crew cost of \$800,000 a year per  
ship , compared with almost double that for a ship currently sailing under  
the Swedish flag; \$1...

2/3,K/188 (Item 4 from file: 637)  
DIALOG(R)File 637:Journal of Commerce  
(c) 2006 Commonwealth Bus. Media. All rts. reserv.

**MARITIME BRIEFS**

JOURNAL OF COMMERCE (JC) - FRIDAY November 20, 1987  
Edition: FIVE STAR Section: MARITIME Page: 3B  
Word Count: 625

...by way of the West Coast to either the Middle East or West Asia.

The cost of shipping a 20-foot container will rise by \$150. Cargo moved by weight will increase by \$13 for each unit of weight. Shipping charges for cargo on which fees are calculated from either weight or the volume will increase \$7 for each weight or measurement unit.

The charge for cargo with fees...

2/3,k/189 (Item 1 from file: 640)  
DIALOG(R)File 640:San Francisco Chronicle  
(c) 2006 Chronicle Publ. Co. All rts. reserv.

04560178  
S.F. PRESSED BY TAIWAN FIRM RAIL TUNNEL EXPANSION BY PORT  
SAN FRANCISCO CHRONICLE (SF) - WEDNESDAY November 23, 1988  
By: Jim Doyle, Chronicle Staff Writer  
Edition: FINAL Section: NEWS Page: A21  
Word Count: 513

... tunnel work) independently unless it had a clear anticipation of enough revenues to cover the cost," Port Commission President Anne Halsted said.

However, Evergreen has not promised to move more cargo through the port. And the shipping line has refused to disclose its market projections on the cargo it expects to move through the port.

' CALCULATED RISK'

"If Pacific Rim shipping grows, then the cargo will expand dramatically," Kiisk said. "At the present volume, we definitely will be taking a calculated risk."

In contrast, the Port of Oakland recently announced a joint venture with American President...

2/3,k/190 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2006 CMP Media, LLC. All rts. reserv.

00619525 CMP ACCESSION NUMBER: CRN19881017S2359  
Free cc:Mail Promoted - Start-Up Manufacturer Ready To Give Away 5,000  
Copies  
John M. Dodge  
COMPUTER RESELLER NEWS, 1988, n 282  
PUBLICATION DATE: 881017  
JOURNAL CODE: CRN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: 282LW62  
WORD COUNT: 233

... VARS, most of whom were Novell resellers, Whalen said. Now any reseller can offer cc: Mail as long as he or she is a LAN reseller, he added.

After signing a two-page dealer agreement, resellers are entitled to volume discounts ranging up to 47 percent off the list price for dollar commitments of more than \$5,000 calculated at retail.

The company cc: Mail claims to have installed its product on more than 100,000 nodes, many being in...

2/3,K/191 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2006 CMP Media, LLC. All rts. reserv.

00597942 CMP ACCESSION NUMBER: IWK19911223S0114  
REVOLUTION IN MINIATURE - Increasingly powerful chips are key to new technologies  
Charles Pelton  
INFORMATIONWEEK, 1991, n 353, 16  
PUBLICATION DATE: 911223  
JOURNAL CODE: IWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: ADVANCED CHIPS  
WORD COUNT: 1185

... or modeling programs.  
Meanwhile, in the midst of this expansion in power and speed, the cost of chips are expected to keep dropping. The trend toward increasingly open computing architectures, and clone makers taking advantage of that trend, should ensure the price cuts. For instance, in the middle of this year, when Advanced Micro Devices Inc. in Sunnyvale, Calif., began volume shipping Intel 386-chip clones (over the objections of Intel), gray-market prices of those microprocessors...

2/3,K/192 (Item 1 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00730807

Utility  
SHIPSIDE CARGO CONVEYANCE DEVICE

PATENT NO.: 3,856,159  
ISSUED: December 24, 1974 (19741224)  
INVENTOR(s): Soros, Paul, 1102 Oenoke Ridge, New Canaan, CT (Connecticut),  
US (United States of America)  
Assignee Code(s): 680001  
APPL. NO.: 5-297,650  
FILED: October 16, 1972 (19721016)

RELATED APPLICATION

This application is a continuation of my earlier filed application Ser. No. 84,662 filed by me on Oct. 28, 1970 and now abandoned.

FULL TEXT: 417 lines

...operation of the individual loading system, large conveying equipment is required which also involves significant cost and complex, sometimes massive, engineering and construction capabilities.

The size of the ships to be loaded is a significant factor in determining the complexity and size of the loading equipment. Ship tonnage is a significant factor, but ship length can be of greater importance since it...

2/3,K/193 (Item 2 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00571461

Utility  
COMBUSTION CHAMBER CLUSTERING STRUCTURE

PATENT NO.: 3,657,883  
ISSUED: April 25, 1972 (19720425)  
INVENTOR(s): De Corso, Serafino M., Media, PA (Pennsylvania), US (United States of America)  
ASSIGNEE(s): Westinghouse Electric Corporation, Pittsburgh, PA (Pennsylvania), US (United States of America)  
Assignee Code(s): 91840|  
APPL. NO.: 5-55,821  
FILED: July 17, 1970 (19700717)  
FULL TEXT: 476 lines

... casing walls. Larger machines are required to work the casing and there is an increased shipping cost. Finally, the buildings to house the turbines are larger and more expensive.

The outside diameter of the combustion casing is determined by the size of the combustion chambers, the spacing between the combustion chambers, and the number of combustion...

2/3,K/194 (Item 3 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00544375

Utility  
COLLAPSIBLE STRUCTURE TO SUPPORT ANTENNA ELEMENTS

PATENT NO.: 3,623,117  
ISSUED: November 23, 1971 (19711123)  
INVENTOR(s): Burwell, deceased, Neil Worrall, LATE OF Moorestown, NJ (New Jersey), US (United States of America), BY Shirley D. Burwell, legal representative  
Di Meo, Franklin Roosevelt, Woodbury, NJ (New Jersey), US (United States of America)  
ASSIGNEE(s): RCA Corporation, US (United States of America)  
Assignee Code(s): 69881|  
APPL. NO.: 4-888,478  
FILED: December 29, 1969 (19691229)  
FULL TEXT: 463 lines

... a packaging problem. Since the insulator remains fixed on the boom, the length and overall dimensions of this insulator determine the shape and size of the container. Consequently, the cost of shipping and storage is substantially determined by the size of the insulator. If the insulator is large enough to provide the required amount of...

2/3,K/195 (Item 1 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

2732515 \*\*IMAGE Available  
Derwent Accession: 1986-020992

Utility  
REASSIGNED, EXPIRED  
M/ Pallet with tensioned strips and bulk bin  
Inventor: Fourie, Gideon, King Williamstown, ZA  
Muir, David E., Pinelands, ZA  
Assignee: South African Inventions Development Corporation(03), Pretoria, ZA  
SOUTH AFRICAN INVENTIONS DEVELOPMENT ZA (Code: 78371)

Ginger R. DeMille

Examiner: Price, William (Art Unit: 241)  
Assistant Examiner: Elkins, Gary E.  
Law Firm: Dressler, Goldsmith, Shore, Sutker & Milnamow

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4614277	A	19860930	US 85736677	19850522
Priority				ZA 843858	19840522
				ZA 845515	19840717

Fulltext Word Count: 2129

Summary of the Invention:

...commodity being shipped. This is because, provided a maximum mass limit is not exceeded, the cost of shipping a container is calculated on the basis of volume and not mass...

2/3,K/196 (Item 2 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

2565463 \*\*IMAGE Available  
Derwent Accession: 1983-724909  
Utility  
E/ Fuel management control system  
; METHOD FOR MINIMIZING THE COSTS DURING A TRIP  
Inventor: Teass, Garnette S., 25 Mead Rd., Armonk, NY, 10705  
Teass, Jr., Horace A., 25 Mead Rd., Armonk, NY, 10705  
Assignee: Unassigned  
UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)  
Examiner: Chin, Gary (Art Unit: 237)  
Law Firm: Peck & Peck

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4459671	A	19840710	US 81316744	19811030

Fulltext Word Count: 3277

Abstract:

...incurred substantially only due to fuel usage. The rotational speed and torque parameters of the ship propeller shaft are measured and utilized to derive an expression for shaft horsepower in terms of these parameters. The variable cost function is derived from the horsepower function, fuel factor, unit volume fuel cost and voyage distance for various ship speeds. The fixed cost function is determined on the basis of voyage time for the various speeds, loading time and total annual costs for maintaining the ship per unit of time. The ship throttle is controlled to operate at the speed at which the total fixed and variable...

2/3,K/197 (Item 3 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

2463637 \*\*IMAGE Available  
Derwent Accession: 1983-A9989K  
Utility  
REASSIGNED, EXPIRED  
M/ Apparatus for laminating and coiling insulation blankets



Ginger R. DeMille

Inventor: Benthimere, Floyd D., c/o Heleron Corporation, 9055 Freeway Dr.,  
Macedonia, OH, 44056  
Assignee: Unassigned  
UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)  
Examiner: McCarthy, Edward J. (Art Unit: 245)  
Law Firm: Pearne, Gordon, Sessions, McCoy & Granger

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4365767	A	19821228	US 81230533	19810202

Fulltext Word Count: 5019

Summary of the Invention:

...roll is as small as possible. Because insulation blankets are relatively light for a given volume, the cost of shipment and storage is determined primarily on the basis of the volume of the roll. Consequently, a relatively tightly wound roll requires less storage and shipping space and reduces the related cost when compared to a bulky, loosely wound roll...

2/3,K/198 (Item 4 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

2251783 \*\*IMAGE Available  
Derwent Accession: 1979-J7887B  
Utility  
M/ Knock-down furniture module  
Inventor: Zola, Colman, 58 Tamarack Way, Pleasantville, NY, 10570  
Assignee: Unassigned  
UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)  
Examiner: Stein, Mervin (Art Unit: 351)  
Assistant Examiner: Grosz, Alex  
Combined Principal Attorneys: Ebert, Michael

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4169639	A	19791002	US 78938837	19780901

Fulltext Word Count: 2033

Summary of the Invention:

...the structure is relatively bulky, and in order to ship a conventional bookcase of this size, a very large shipping carton is required. Since shipping charges are largely determined by the bulk of the article and to a much lesser extent by its weight, the shipping cost for an inexpensively-constructed bookcase may be disproportionately high. Thus it may cost \$50 to ship a bookcase worth \$100...

2/3,K/199 (Item 5 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

2125859 \*\*IMAGE Available  
Derwent Accession: 1977-J4417Y  
Utility  
M/ Solar heating panel  
Inventor: Stelzer, William, 1354 Blue Heron Drive, Milford, MI, 48042

Ginger R. DeMille

Assignee: Unassigned  
UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)  
Examiner: Sprague, Kenneth W. (Art Unit: 344)  
Assistant Examiner: Yeung, James C.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4051832	A	19771004	US 77761497	19770121
Continuation	Abandoned			US 76678167	19760419

Fulltext Word Count: 1363

Description of the Invention:

...solar heating system and the details of mounting, securing, and sealing against rain must be determined according to the structure where it is used. The number of units used is also a matter of application. The size of the panel is determined by cost, for which the cost of manufacturing and the ease of handling and shipping must be taken into consideration...

2/3,K/200 (Item 1 from file: 702)  
DIALOG(R)File 702:Miami Herald  
(c) 2006 The Miami Herald Publishing Co. All rts. reserv.

01051756  
Miami Herald (MH) - WED JUL 13 1983  
By: HERALD STAFF  
Edition: FINAL Section: FRONT Page: 15A  
Word Count: 903

...near the corner of Riviera Drive and Miller Drive was removed because it wasn't cost effective. Once a year a study is done to determine the volume of mail put into collection boxes. The amount of mail is counted for a full week. The collection box is removed if there are 25 pieces of mail, or less, at each collection. The Postal Service says there just wasn't enough mail...

2/3,K/201 (Item 1 from file: 709)  
DIALOG(R)File 709:Richmond Times-Disp.  
(c) 2006 Richmond Newspapers Inc. All rts. reserv.

06317156  
GETTING IT THERE, SAFE AND SOUND  
Richmond News Leader (VA) - TUESDAY November 12, 1991  
Edition: Metro Section: Happy Holidays annual magazine Page: H-70  
Word Count: 358

...tree.

Use the smallest possible box and lightweight stuffing material since weight (and sometimes box size) determines shipping cost.

Save money by packing gifts to the same address in one large package. Limit the weight to 70 pounds.

Use wide, reinforced shipping tape, not string or masking tape, to seal packages. String can get caught in the...

2/3,K/202 (Item 1 from file: 716)

Ginger R. DeMille

DIALOG(R)File 716:Daily News Of L.A.  
(c) 2006 Daily News of Los Angeles. All rts. reserv.

06009428  
29 CENT STAMP MAY SEEM EXPENSIVE BUT OPTIONS LIMITED, COSTLY  
Daily News of Los Angeles (CA) - February 25, 1991  
By: Jonathan Lansner Orange County Register  
Edition: Valley Section: BUSINESS Page: B6  
Word Count: 882

...a stamp.

Cutting: Does your mother-in-law really need that birthday card? Well, no calculator can figure out the emotional price of pruning lists of mail sent on birthdays, anniversaries or holidays. One way to cut mail volume could be to consolidate use of credit cards, leaving one or two such bills a...

2/3,k/203 (Item 1 from file: 718)  
DIALOG(R)File 718:Pittsburgh Post-Gazette  
(c) 2006 PG Publishing. All rts. reserv.

06134118  
SHIPPING, HANDLING FEES COMPUTED FROM PAST EXPERIENCE  
Pittsburgh Press (PP) - MONDAY MAY 13, 1991  
By: HELEN KAISER  
Edition: STOCKS Section: LIFESTYLE Page: B4  
Word Count: 508

TEXT:  
Q:Can you please explain how mail -order companies determine the amount of shipping and handling fees? The cost of the merchandise seems to determine the fee -- not the size or weight, bulkiness or fragileness of the package. There is a sales tax on it, too. -- I.G.

A:Don't be too mystified.

Shipping and handling charges are typically averages computed by the company from past experience and should reflect a fair accounting of actual costs...

2/3,k/204 (Item 1 from file: 719)  
DIALOG(R)File 719:(Albany) The Times Union  
(c) 2006 Times Union. All rts. reserv.

03505282  
RPI STUDENTS GEARING UP FOR HUMAN-POWERED VEHICLE COMPETITION  
KNICKERBOCKER NEWS (AL) - WEDNESDAY April 16, 1986  
By: Helen S. Edelman  
Edition: State Special Section: Science & Health Page: 1B  
Word Count: 1,161

... therefore, will have to dismantle their racer and reconstruct it on site.

"We have to ship it in three or four boxes by UPS," Gabriel said.

According to Rabbitt, the high shipping price is due largely to the size of the parcel. "They go by dimension, not weight," he said.

Safety is an important factor, Gabriel said, so a roll bar is part of the frame. The students are busily calculating how fast their H-PV can travel without turning over either on a straightaway or...

2/3,k/205 (Item 1 from file: 727)  
DIALOG(R)File 727:Canadian Newspapers  
(c) 2006 Southam Inc. All rts. reserv.

01244150 (USE FORMAT 7 FOR FULLTEXT)

Mail-order savings may not compute

Edmonton Journal, Final ED, P A3

July 14, 1991

DOCUMENT TYPE: STORY; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

Word Count: 270

...snags before putting their  
money down, Derek Stevenson of the association and an editor at  
Computing Now magazine said.

Both U.S. computer retail stores and mail -order firms can offer  
cheaper prices because of their greater volume of business and  
lower distribution costs.

The consumer association survey found, for example, that a Tandy  
1000RL that sells for \$1,735 at Ottawa stores can cost \$351 less  
at U.S. stores.

Buyers who don't want to make the trek...  
?